

SUPER STORM SANDY *Response and Recovery*

STATE OF CONNECTICUT DEPARTMENT OF HOUSING COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY PROGRAM

**OWNER OCCUPIED REHABILITATION
AND REBUILDING PROGRAM (OORR)**

GOVERNOR OF CONNECTICUT:
DANNEL P. MALLOY



COMMISSIONER OF HOUSING:
EVONNE M. KLEIN

APPLICATION NO. 2243

ENGLANDER RESIDENCE

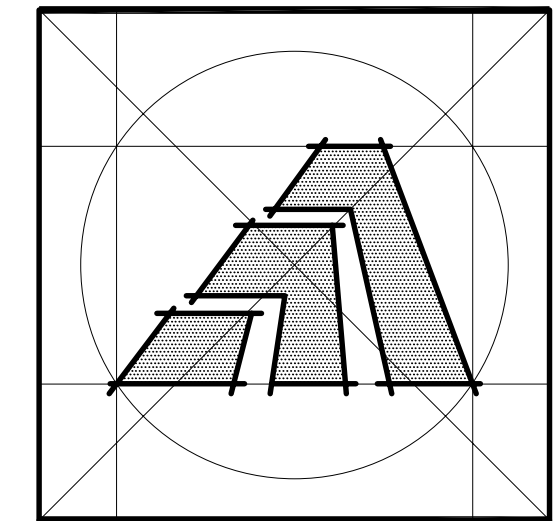
32 FIELD COURT

MILFORD, CONNECTICUT 06460

DECEMBER 1, 2015



ARCHITECT:



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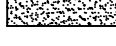
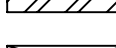
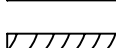



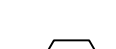
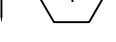
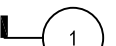
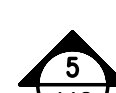
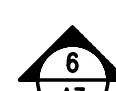


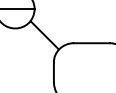


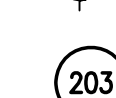

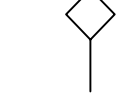
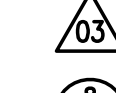




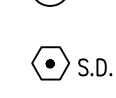






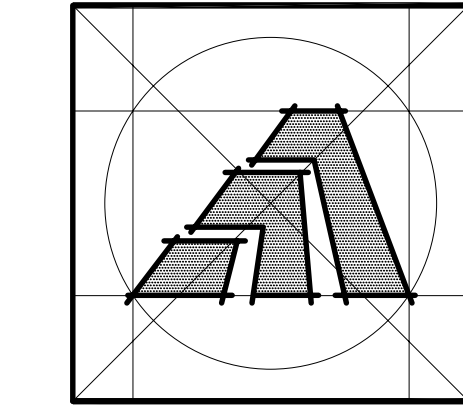
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GENERAL NOTES
1. SCOPE OF WORK INCLUDES: ELEVATING EXISTING HOUSE AND REPLACE INLAW SECTION, REPLACE DECK STAIRS, LOCATED IN VE-13 FLOOD ZONE.
2. THE WORK DESCRIBED IN THESE DOCUMENTS IS TO MEET HIGHEST QUALITY STANDARDS IN BOTH MATERIAL AND WORKMANSHIP. ANY SUBSTANDARD WORK WILL BE REJECTED.
3. ALL WORK SHALL CONFORM TO THE MUNICIPALITY'S APPLICABLE BUILDING CODE, FIRE DEPT REGULATIONS, UTILITY COMPANY REQUIREMENTS, AND THE BEST TRADE PRACTICES.
4. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE BUILDING DEPT, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES AS REQUIRED BY GOVERNING MUNICIPAL AGENCIES.
5. THE CONTRACTOR SHALL VERIFY ALL DRAWING DIMENSIONS AND FIELD CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE DESIGNER PRIOR TO COMMENCING WORK.
6. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWING.
7. THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.
8. THE CONTRACTOR SHALL LAYOUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR ALL OTHER TRADES (PLUMBING, ELECTRICAL, ETC.) IF APPLICABLE
9. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGNING IF APPLICABLE.
10. THE CONTRACTOR UPON COMPLETION OF JOB, SHALL APPLY FOR CERTIFICATE OF OCCUPANCY, AND SHALL ARRANGE FOR BUILDING DEPT INSPECTIONS AND SIGN-OFFS REQUIRED TO OBTAIN CERTIFICATE OF OCCUPANCY.
11. MANUFACTURED ARTICLES ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS IN ALL CASES, CONTRACTOR SHALL NOTIFY DESIGNER OF ANY CONDITIONS THAT IS IN CONFLICT WITH MANUFACTURER'S SPECIFICATIONS OR INSTRUCTIONS THAT MIGHT VOID A MANUFACTURER'S WARRANTY.
12. THE CONTRACTOR SHALL ASSEMBLE IN A BINDER AND PASS ALONG TO THE OWNER ALL EQUIPMENT AND MATERIAL WARRANTIES THAT MAY EXTEND BEYOND THE BASE GUARANTEE PERIOD, AS WELL AS INSTALLATION AND MAINTENANCE INSTRUCTIONS IF APPLICABLE.
13. NO SUBSTITUTIONS FOR MATERIALS SPECIFIED HEREIN SHALL BE PERMITTED WITHOUT PRIOR APPROVAL BY ARCHITECT.
14. ARCHITECT AND ASSOCIATED CONSULTANTS DISCLAIMS ANY ACTUAL OR CONSEQUENTIAL DAMAGES ARISING FROM THIRD PARTY RELATIONSHIPS. THESE DRAWINGS DO NOT PROVIDE ALL OR ANY SPECIFIC DETAIL IN AREAS INCLUDING BUT NOT LIMITED TO NAILING, GLUING, CAULKING, FLASHING, PAINTING AND WATERPROOFING, OR CRAFTSMANSHIP. G.C. IS RESPONSIBLE TO PROVIDE PROPER SUPERVISED WORKMANSHIP.
15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR "REINSTATING" THE SITE TO ORIGINAL CONDITIONS.

ABBREVIATIONS		
AC	AIR CONDITIONING	L LENGTH
ACU	AIR CONDITIONING UNIT	LAM LAMINATE
AFF	ABOVE FINISHED FLOOR	LAV LAVATORY
AHU	AIR HANDLING UNIT	LBL LABEL
ALUM	ALUMINUM	LBS POUNDS
ANOD	ANODIZED	LH LEFT HAND
AT	ACOUSTICAL TILE	LIN FT LINEAR FEET
BD	BOARD	LT LIGHT
BLDG	BUILDING	LTG LIGHTING
BO	BY OTHERS	MAS MASONRY
CAB	CABINET	MAX MAXIMUM
CD	CEILING DIFFUSER	MECH MECHANICAL
CFM	CUBIC FEET PER MINUTE	MFR MANUFACTURE(R)
<	CENTER LINE	MIN MINIMUM
CLG	CEILING	MISC MISCELLANEOUS
CLL	CONTRACT LIMIT LINE	MM MILLIMETER
CMU	CONCRETE MASONRY UNIT	MO MASONRY OPENING
COL	COLUMN	MTD MOUNTED
CONC	CONCRETE	MTL METAL
CONST	CONSTRUCTION	MULL MULLION
CONT	CONTINUOUS	MW MILLWORK
CPT	CARPET(ED)	NA NOT APPLICABLE
CS	COUNTER SINK	NIC NOT IN CONTRACT
CT	CERAMIC TILE	NO NUMBER
CTR	COUNTER	NOM NOMINAL
CU FT	CUBIC FEET	NTS NOT TO SCALE
CU IN	CUBIC INCHES	OC ON CENTER
CW	COLD WATER (CITY)	OD OUTSIDE DIAMETER
D	DEPTH	OPNG OPENING
DEMO	DEMOLITION	OPP OPPOSITE
DET	DETAIL	PART PARTITION
DF	DRINKING FOUNTAIN	PL PLATE
DHW	DOMESTIC HOT WATER	PL LAM PLASTIC LAMINATE
DIAG	DIAGONAL	PLB'G PLUMBING
DIAM	DIAMETER	PLYWD PLYWOOD
DIM	DIMENSION	PNL PANEL
DN	DOWN	PNT PAINT
DR	DOOR	PT POINT
		QT QUARRY TILE
DS	DOOR STOP	R RISE(R)
DW	DISH WASHER	RA RETURN AIR
DWG	DRAWING	RAD RADIUS
DWR	DRAWER	RD ROOF DRAIN
EA	EACH	REF REFERENCE
EF	EXHAUST FAN	REINF REINFORCE
EH	ELECTRIC HEATER	REM REMOVE
EL/ELEV.	ELEVATION	REQD REQUIRED
ELEC	ELECTRIC	REV REVISION
EMER	EMERGENCY	RH RIGHT HAND
ENG	ENGINEER	RM ROOM
EP	ELECTRIC PANEL	RO ROUGH OPENING
EQ	EQUAL	RPM REVOLUTIONS PER MINUTE
EQUIP	EQUIPMENT	SA SUPPLY AIR
EXIST'G	EXISTING	SC SOLID CORE
EXP	EXPANSION	SHT SHEET
EXT	EXTERIOR	SIM SIMILAR
FACT	FIN FACTORY FINISH	SP SPEAKER
FBO	FURNISHED BY OTHERS	SPEC(S) SPECIFICATION(S)
FE	FIRE EXTINGUISHER	SQ SQUARE
FEC	FIRE EXTINGUISHER CABINET	SQ FT SQUARE FOOT (FEET)
FFE	FINISH FLOOR ELEVATION	SQ IN SQUARE INCH
FIN	FINISHED	SS STAINLESS STEEL
FL	FLUORESCENT	ST STREET
FOF	FACE OF FINISH	STL STEEL
FP	FIRE PROOFING	STD STANDARD
FPSC	FIRE PROOF SOLID CORE	SUSP SUSPENDED
FR	FIRE RESISTANT	SYM SYMMETRICAL
FS	FULL SCALE	SYS SYSTEM
FT	FEET	T & G TONGUE & GROOVE
FTR	FINNED TUBE RADIATION	TEL TELEPHONE
GA	GAUGE	TEMP TEMPERATURE
GC	GENERAL CONTRACTOR	THERM THERMOSTAT
GL	GLASS	THK THICKNESS
GWB	GYPSUM WALLBOARD	THRU THROUGH
HC	HOLLOW CORE	TOS TOP OF SLAB
HD	HEAVY DUTY	TR TREAD
HDW	HARDWARE	TST TOP OF STEEL
HDWD	HARDWOOD	TV TELEVISION
HM	HOLLOW METAL	TYP TYPICAL
HOR	HORIZONTAL	UON UNLESS OTHERWISE NOTED
HR	HOUR	V VOLTS
HT	HEIGHT	VAC VACUUM
HTG	HEATING	VCT VINYL COMPOSITE TILE
HVAC	HEATING, VENT, AIR COND.	VERT VERTICAL
HWH	HOT WATER HEATER	VIF VERIFY IN FIELD
ID	INSIDE DIAMETER	W WIDTH
IN	INCH	W/ WITH
INCL	INCLUDE(ING)	W/O WITHOUT
INFO	INFORMATION	WB WOOD BASE
INSUL	INSULATION	WC WATER CLOSET
INTR	INTERIOR	WO WOOD
INV	INVERT	WP WATERPROOF
IRC	INTERNATIONAL RESIDENTIAL CODE	WPT WORKING POINT
J-BOX	JUNCTION BOX	WR WATER RESISTANT
JT	JOINT	WT WEIGHT
KO	KNOCK OUT	YO YARD
KPL	KICKPLATE	

DRAWING INDEX	LOCATION MAP
ARCHITECTURAL DRAWINGS	STRUCTURAL DRAWINGS
CS COVER SHEET	S-1 STRUCTURAL DETAILS
T-1 TITLE SHEET: GENERAL NOTES, DRAWING LIST, APPLICABLE CODES, SITE MAP, SYMBOL LEGEND, ETC.	S-2 STRUCTURAL PLANS & DETAILS
Ex-1 EXISTING FLOOR PLANS	S-3 STRUCTURAL PLANS & DETAILS
Ex-2 EXISTING FLOOR PLANS	
Ex-3 EXISTING ELEVATIONS	M.E.P. DRAWINGS
Ex-4 EXISTING SECTIONS	M-1 MECHANICAL PLANS
R-1 REMOVAL PLANS	M-2 MECHANICAL PLANS
A-1 PROPOSED FLOOR PLANS	P-1 PLUMBING PLANS
A-1.1 PROPOSED PLANS & PARTITION TYPES	P-2 PLUMBING PLANS
A-2 PROPOSED ELEVATIONS	E-1 ELECTRICAL PLANS
A-2.1 PROPOSED ELEVATIONS	E-2 ELECTRICAL PLANS
A-3 SECTION & DETAILS	SP-1 SPECIFICATIONS
A-3.1 SECTIONS & DETAILS	
A-3.2 SECTIONS	CIVIL DRAWINGS
A-4 SCHEDULES AND DETAILS	V-1 SITE - EXISTING CONDITIONS
	C-1 SITE DEMOLITION PLAN
	C-2 SITE PLAN AND DETAILS
BUILDING DESIGN DATA	
GROUP R-3 FOR SINGLE FAMILY (3) STORY DWELLING	
BUILDING CATEGORY: II	
CONSTRUCTION TYPE: V	
PROPOSED BUILDING MEAN HEIGHT 33'-27" +/-	
WIND SPEED 100 MPH [PER IRC 2009 AND 2013 CT AMENDMENTS(AMD)]	
WIND IMPORTANCE FACTOR - (Iw)=1.70 - PER TABLE R301.2(3)	
WIND EXPOSURE - "D"	
FLOOD ZONE - VE 13: REQUIRED: DFE = 13.00' x 1.25 (500-YEAR FLOOD ELEV. ADJUSTMENT) = 16.25' + 1'-0" (FREEBOARD) = 17.25' TOTAL PROPOSED: DFE = 17.25' (TOP OF FOUNDATION)	
DESIGNED FOR 500-YEAR FLOOD BASED ON SHPO & NFIP REGULATORY REQUIREMENTS: FLOOD PLAIN MANAGEMENT REGULATIONS BY LOCAL JURISDICTION AND PER LATEST FIRM FLOOD MAPS & CONSENSUS STANDARDS	
APPLICABLE CODES	
APPLICABLE CODES: 2009 INTERNATIONAL RESIDENTIAL CODE AND CT 2013 AMENDMENTS.	
PER SECTION R301 DESIGN CRITERIA -	PER SECTION R311 - MEANS OF EGRESS -
R301.1 APPLICATION / MEETS REQUIREMENTS	R311.1 - MEANS OF EGRESS / EXISTING
R301.2 - CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA / MEETS REQUIREMENTS	R311.2 - EGRESS DOOR / EXISTING
R301.2.1 (AMD) - WIND LIMITATIONS / MEETS REQUIREMENTS	R311.3.1 - FLOOR ELEVATIONS AT THE REQUIRED EGRESS DOOR / PROVIDED PER EXCEPTION
TABLE R301.2.(1) (AMD) - CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA:	PER SECTION R312 - GUARDS -
(AMD) - GROUND SNOW LOAD - 30 LBS PSF / PROVIDED	R312.1 - WHERE REQUIRED / PROVIDED
(AMD) - WIND SPEED (MPH) - 100 MPH PER APPENDIX R / MEETS REQUIREMENTS	R312.2 - HEIGHT / MEETS REQUIREMENTS
(AMD) - SEISMIC DESIGN CATEGORY - CATEGORY B - (N/A)	R312.3 - OPENING LIMITATIONS / MEETS REQUIREMENTS
(AMD) - FLOOD HAZARD - VE	PER SECTION R313 - AUTOMATIC FIRE SPRINKLER SYSTEM -
(AMD) - SUBJECT TO DAMAGE - FROST LINE DEPTH - 42 INCHES / PROVIDED	R313.2 (AMD) - ONE AND TWO FAMILY DWELLINGS AUTOMATIC FIRE SPRINKLER SYSTEM / N/A
R301.2(2) - COMPONENT AND CLADDING LOADS:	PER SECTION R314 - SMOKE ALARM:
Roof Zone 1,2, & 3 - W/ 100 MPH - WIND = 30.94 / -39.44 PRESSURE MAX. (40 D.P. PROVIDED)	R314 - SMOKE ALARMS (PROVIDED)
Wall Zone 4 - W/ 100 MPH - WIND = +29.24 / -31.79 PRESSURE MAX. (50 D.P. PROVIDED)	R314.4 (AMD) - POWER SOURCE (SHALL MEET REQUIREMENTS)
Wall Zone 5 - W/ 100 MPH - WIND = 30.6 / -40.97 PRESSURE MAX. (50 D.P. PROVIDED)	PER SECTION R315 - CARBON MONOXIDE ALARM:
R301.2(3) - HEIGHT AND EXPOSURE COEFFICIENTS FOR TABLE R301.2(3):	R315.1 (AMD) - CARBON MONOXIDE ALARMS (SHALL MEET REQ. IF APPLICABLE))
1.70 ADJUSTMENT PROVIDED	PER SECTION R316 - FOAM PLASTIC:
R301.2.1.4 (AMD) - EXPOSURE CATEGORY / EXPOSURE D	R316.4 - THERMAL BARRIER (MEETS REQUIREMENTS)
R301.4 - DEAD LOADS & R301.5 - LIVE LOADS -	PER SECTION R317 - PROTECTION OF WOOD AND WOOD BASED PRODUCTS AGAINST DECAY:
MAIN FLOOR: 12 PSF DL / 40 PSF LL / PROVIDED	R317.1 - LOCATION REQUIRED (MEETS REQUIREMENTS)
ATTIC FLOOR: 12 PSF DL/20 PSF LL / PROVIDED	PER SECTION R318 - PROTECTION AGAINST SUBTERRANEAN TERMITES:
DECK FLOOR: 12 PSF DL / 40 PSF LL / PROVIDED	R318.1 - SUBTERRANEAN TERMITE CONTROL METHODS (METHOD #3 PROVIDED)
R301.7 - ALLOWABLE DEFLECTION / MEETS REQUIREMENTS	PER SECTION R319 - SITE ADDRESS:
PER SECTION R302 - FIRE-RESISTANT CONSTRUCTION:	R319.1 - ADDRESS NUMBERS (MEETS REQUIREMENTS)
R302.1 (AMD) - EXTERIOR WALLS - MINIMUM FIRE SEPARATION / NOT REQUIRED	PER SECTION R320 - ACCESSIBILITY:
PER SECTION R303 - LIGHT, VENTILATION AND HEATING / SHALL MEET REQUIREMENTS	R320.1 - SCOPE (NOT REQUIRED / NOT PROVIDED)
PER SECTION R304 - MINIMUM ROOM AREAS / EXISTING	PER SECTION R321 - ELEVATORS AND PLATFORM LIFTS:
PER SECTION R305 - CEILING HEIGHTS / EXISTING	(MEETS REQUIREMENTS)
PER SECTION R306 - SANITATION / MEETS REQUIREMENTS (BACKFLOW VALVE PROVIDED)	PER SECTION R322 - FLOOD-RESISTANT CONSTRUCTION:
PER SECTION R307 - TOILET, BATH AND SHOWER SPACES / MEETS REQUIREMENTS	R322.1 - GENERAL (COMPLIES)
PER SECTION R308 - GLAZING -	R322.1.2 - STRUCTURAL SYSTEM (PROVIDED)
R308.4 - HAZARDOUS LOCATIONS / TEMPERED WINDOWS PROVIDED	R322.1.3 - FLOOD-RESISTANT CONSTRUCTION (MEETS REQUIREMENTS)
PER SECTION R310 - EMERGENCY ESCAPE AND RESCUE OPENINGS -	R322.1.4 - ESTABLISHING THE DESIGN FLOOD ELEVATION
R310.1 - EMERGENCY ESCAPE AND RESCUE REQUIRED / (EXISTING)	R322.1.4.1 - DETERMINATION OF THE DESIGN FLOOD ELEVATION (500-YEAR FLOOD PROVIDED)
R310.1.1 - MINIMUM OPENING AREA / PROVIDED IN EACH BEDROOM	R322.1.5 - LOWEST FLOOR (EXCEEDS MIN. REQUIREMENTS)
	R322.1.6 - PROTECTION OF MECHANICAL AND ELECTRICAL (PROVIDED)
	R322.1.7 - PROTECTION OF WATER SUPPLY AND SANITARY SEWAGE SYSTEMS (PROVIDED)
	R322.1.8 - FLOOD RESISTANT MATERIALS (PROVIDED)
	R322.1.10 - AS-BUILT ELEVATION DOCUMENTATION (PROVIDED)
	R322.3 - COASTAL HIGH-HAZARD AREAS (V ZONES)
	R322.3.1 - LOCATION AND SITE PREPARATION (PROVIDED)
	R322.3.2 - ELEVATION REQUIREMENTS (PROVIDED)
	R322.3.3 - FOUNDATION (MEETS REQUIREMENTS)
	R322.3.4 - WALLS BELOW DESIGN FLOOD ELEVATION (N/A)
	R322.3.5 - ENCLOSED AREAS BELOW DESIGN FLOOD ELEVATION (N/A)
	R322.3.6 - CONSTRUCTION DOCUMENTS (MEETS REQUIREMENTS)
PROJECT DATA	
OWNER:	SAUL & PATRICIA ENGLANDER 32 FIELD COURT MILFORD, CONNECTICUT 06460
SITE LOCATION:	32 FIELD COURT MILFORD, CONNECTICUT 06460

LEGEND	
	GRAVEL
	CONCRETE
	MORTAR, GROUT
	STEEL
	FRAMING LUMBER
	HARDWOOD
	PLYWOOD
	BATT INSULATION
	GYPSUM WALLBOARD
	KEY NOTE
	DETAIL DRAWING NO.
	BUILDING SECTION
	WALL SECTION
	SECTION DETAIL
	COLUMN GRID
	PLAN / WALL DETAIL
	INTERIOR ELEVATION DRAWING NO.
	DATUM POINT (ELEVATION)
	DOOR NUMBER
	WINDOW NUMBER
	PARTITION TYPE
	REVISION FLAG
	REFERENCE KEY
	REMOVAL NOTE
	ROOM NUMBER
	EQUIPMENT TYPE
	CABINET TYPE
	CARBON MONOXIDE DETECTOR
	SMOKE DETECTOR (HARD WIRE)
	HEAT DETECTOR (HARD WIRE)
	CEILING FAN/LIGHT



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American Institute of Architects

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Sheet Title:
TITLE SHEET

APPLICATION # 2243

RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

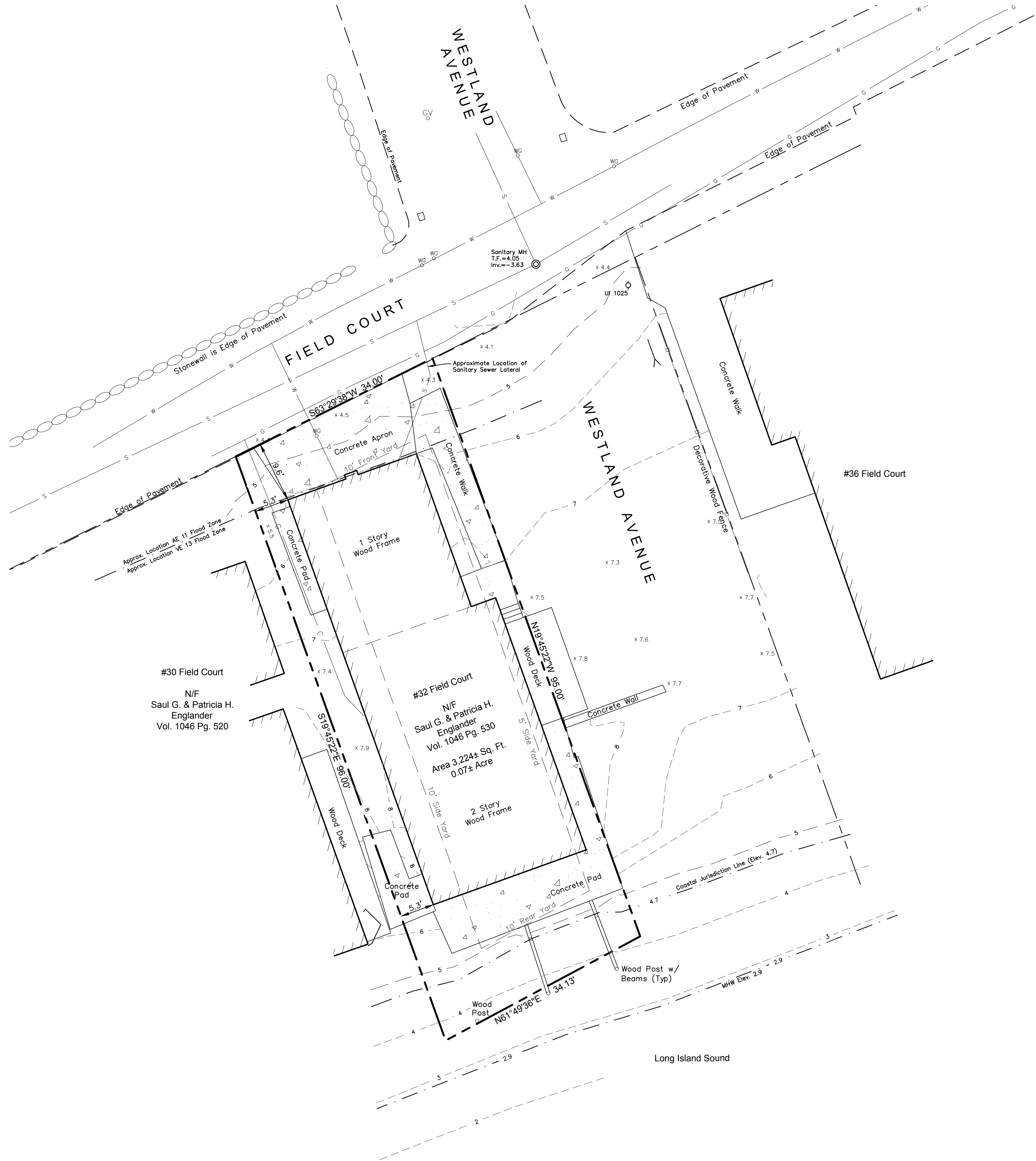
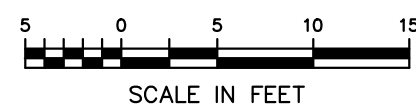
Job Number: 2243
Drawn By: J.V.L.

Sheet Number:
T1

C:\SURVEY PROJECTS\01M407 DOW_MILFORD_32 FIELD COURT\01M407 EXISTING CONDITIONS.DWG Tbx: EXIST COND Saved: 9/22/2015 3:56 PM Plotted: 12/4/2015 2:14 PM



- LEGEND
- Property Corner
 - Property Line
 - - - Setback Line
 - G Existing Gas Line
 - W Existing Watermain
 - S Existing Sanitary Sewer



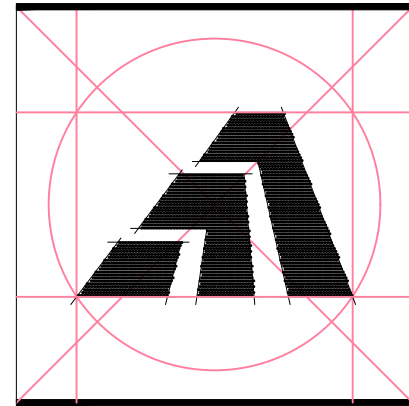
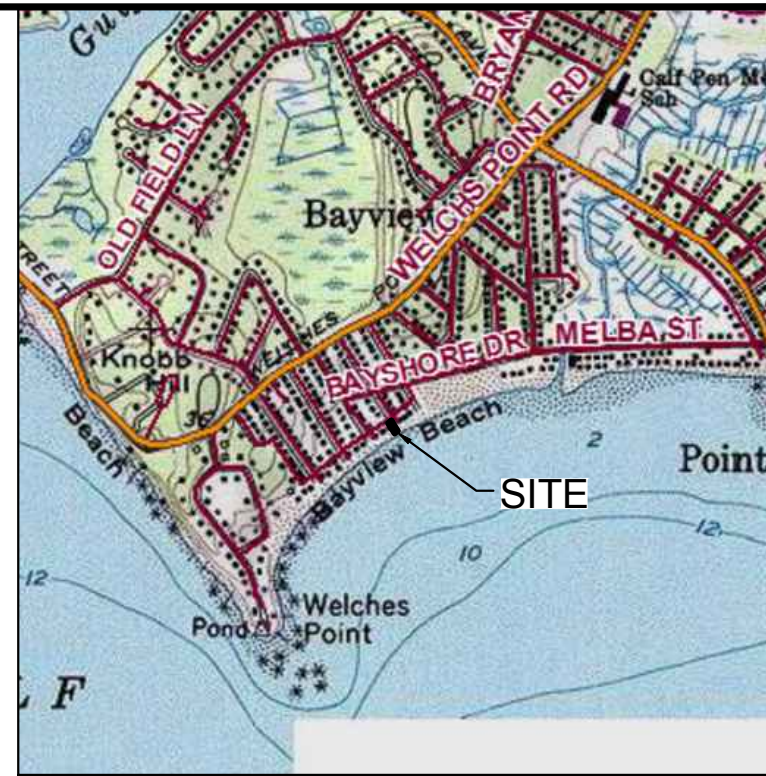
NOTES:

- This map and survey have been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 and "The Minimum Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors on September 26, 1996.
- The type of survey performed and the mapped features depicted hereon are in accordance with the requirements of a Property/Boundary and Topographic Survey.
- The boundary determination / opinion is based upon a Dependent Resurvey of map reference 6A.
- This map conforms to Class A-2 horizontal accuracy, Class T-2 Topographic accuracy and V-2 Vertical accuracy.
- The north arrow, bearings and elevations are based upon the Connecticut State Coordinate System (NAD83) and NAVD88 respectively, derived from City of Milford Benchmark BM-88-06 with published coordinates N636,611.674 E921,185.311 and elevation 22.95.
- Map References:
 - "Survey of Property prepared for Saul G. Englander & Patricia A. Englander of Parcels designated as No. 32 Field Court situated in the City of Milford, County of New Haven, State of Connecticut," scale: 1"=10' dated June 15, 2013p Flanagan's Surveying & Mapping
 - "Map of Lots situated at Bayview owned by George E. Haskins & H.C.C. Miles, Milford, Conn." scale: 1"=50' date January 13, 1922 prepared by W.C. Morehouse; map on file in the City of Milford Land Records as map R3.
 - "Map of Lots woned by Louis E. Guyott, Bayview-Milford-Conn,"scale: 1"=40' date February 16, 1929 prepared by W.C. Morehouse, map on file in the City of Milford Land Records as map E453.
- Parcel is subject to restrictions as defined in Volume 154 page 475 of the City of Milford Land Record.
- Parcel is located in Flood Zone VE - Coastal Flood Zone with velocity hazard (wave action base elevation determined to be 13) and Flood Zone AE (base flood elevation determined to be 11) as depicted on "FIRM, Flood Rate Insurance Map, New Haven County, Connecticut, (all jurisdictions), Panel 533 of 635, Milford, City of," Map Number 09003C0533J, map revised July 8, 2013.
- Parcel is depicted on the City of Milford Tax Assessor's Map 30, Block 639 as Lot 14.
- Parcel is zoned R-5 and is subject to the following zoning requirements:

Minimum Lot Size	5,00 Square Feet
Minimum Frontage	50 Feet
Minimum Depth	70 Feet
Front Yard	10 Feet or Actual which ever is greatest
Side Yard	10 Feet one side, 5 Feet the other side
Rear Yard	20'
Maximum Height	3 Stories
- The underground utilities depicted hereon have been compiled from observable evidence, such as manholes, catch basins and water gates. These location must be considered as approximate in nature. Additionally, other such features may exist on the sites, the existence of which is unknown to Loureiro Engineering Associates, Inc. (LEA). The size, location and existence of all such features must be field determined and verified by the appropriate authorities prior to construction. Call Be-For-You-Dig at 1-800-922-4455 or 811.

To my knowledge and belief, the foregoing is substantially correct as noted hereon.

Edward G. Shelomis, L.S. #9266



Amaya Architects
American Institute of Architects

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ORANGE, CT 06477 FAX (203) 799 3871

Survey Consultant:



Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, Connecticut 06062
Phone: 860-747-6181 / Fax: 860-747-8822
An Employee Owned Company
email : info@loureiro.com
Comm No. 01MH4.02

Sheet Title:

EXISTING CONDITIONS

ENGLANDER RESIDENCE
32 FIELD COURT
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

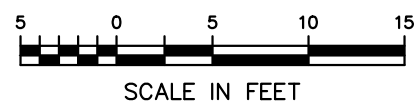
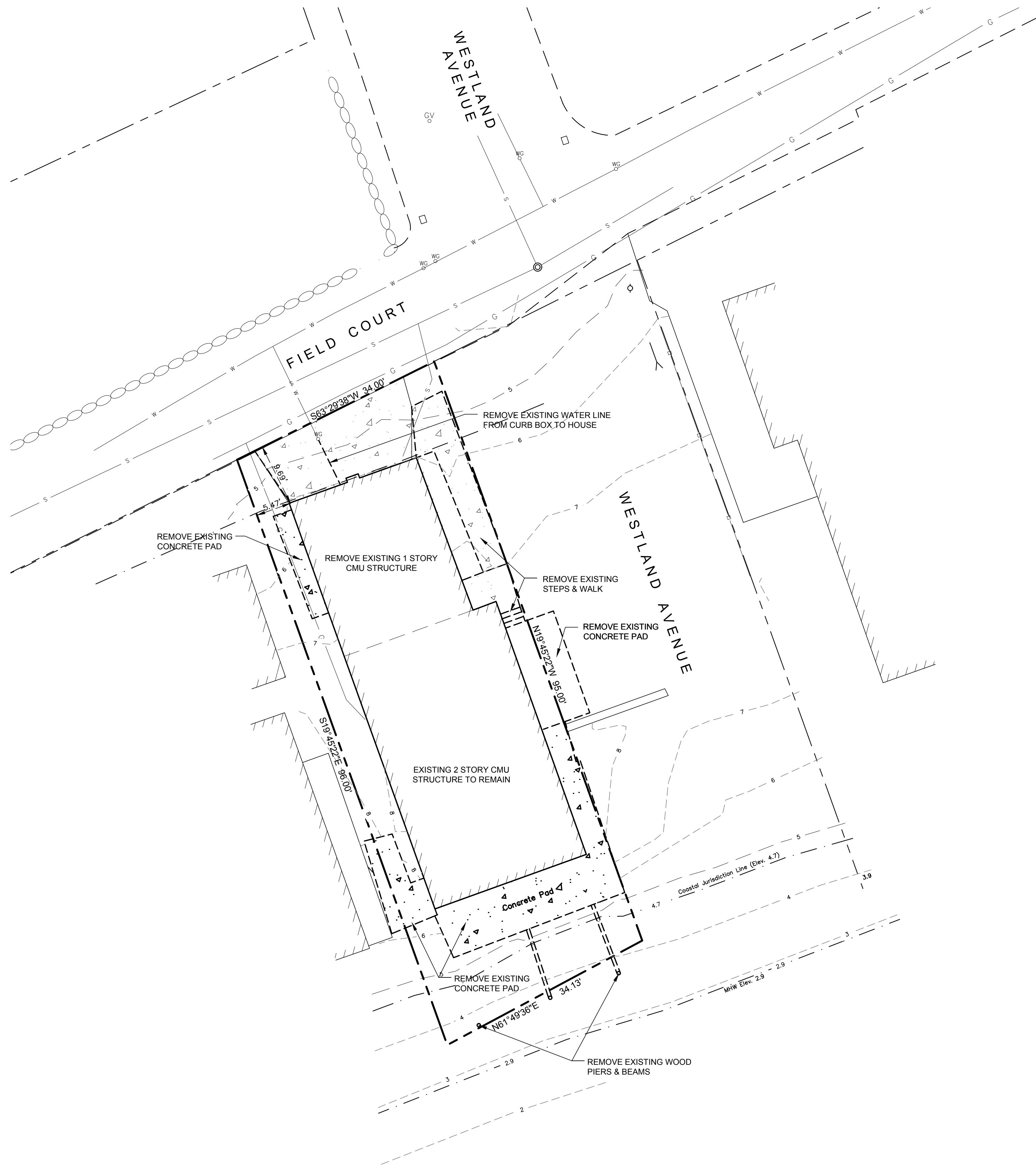
Date:

Job Number: 000
Drawn By: P.A.C.
Approved By: E.G.S.

Sheet Number:

V-1

G:\AUTOCAD\PROJECTS\01M421 32 FIELD COURT\01M421 32 FIELD COURT.DWG Tab: DEMOLITION PLAN Sheet: 12/4/2015 2:32 PM Plotted: 12/4/2015 2:34 PM



GENERAL NOTES:

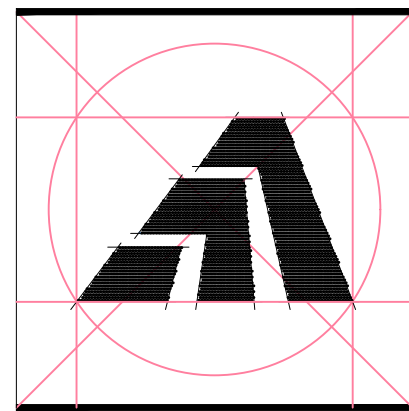
1. Prior to demolition, all erosion control barriers shall be placed in accordance with the Town of Milford's requirements and shall be left in place and maintained until the work has been completed and surfaces stabilized.
2. It shall be the responsibility of the contractor to monitor the condition of the erosion control structures. If the effectiveness or integrity of the structures is found to be insufficient or if the structures are damaged in any way, the contractor shall make whatever repairs are necessary to ensure that proper erosion control is maintained.
3. If additional erosion and sedimentation control structures are necessary to minimize erosion and sedimentation as determined in the field, the contractor shall install structures as required at the contractors expense.
4. All debris from the demolition and any required environmental mitigation such as asbestos abatement or other hazardous building material shall be immediately removed from the site at the contractor's expense. All materials shall be disposed of off site at an approved facility.
5. Contractor to contact all utility companies to shut-off or disconnects existing services prior to construction.
6. Removal existing overhead and re-attachment to be in accordance with United Illuminating Company specifications.
7. Shut-off/disconnection of existing gas service and installation of new gas meter and service lateral per Southern Connecticut Gas Company Specifications.
8. Disconnect existing sanitary sewer lateral. Protect end from debris and construction activities. Reconnect with new service lateral.
9. No stockpile of any material will be permitted to the rear of the site.
10. The underground utilities depicted hereon have been compiled from observable evidence, such as manholes, catch basins and water gates. These locations must be considered as approximate in nature. Additionally, other such features may exist on the sites, the existence of which is unknown to Loureiro Engineering Associates, Inc. (Loureiro). The size, location and existence of all such features must be field determined and verified by the appropriate authorities prior to construction. Call Be-For-You-Dig at 1-800-922-4455 or 811.
11. Prior to issuance of a Building Permit, details of the apron, sidewalk and residential inspection riser shall be presented to City of Milford Planning and Zoning for approval.
12. Permits from the City of Milford Engineering department required for driveway apron, sidewalk, and for sanitary work prior to construction.

LEGEND

•	Property Corner
○	Rebar Found
---	Property Line
---	Setback Line
---	Chain Link Fence
---	Wooden Fence
---	Stonewall
W	Existing Watermain
S	Existing Sanitary Sewer
G	Existing Gas

To my knowledge and belief the information is substantially correct as noted hereon.

Edward G. Sheltonis, P.E. #9266



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American Institute of Architects

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Phone: 860-747-6181 / Fax: 860-747-8822
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email : info@loureiro.com
Comm No. 01MH4.02

Sheet Title:
DEMOLITION PLAN

ENGLANDER RESIDENCE
32 FIELD COURT
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date:

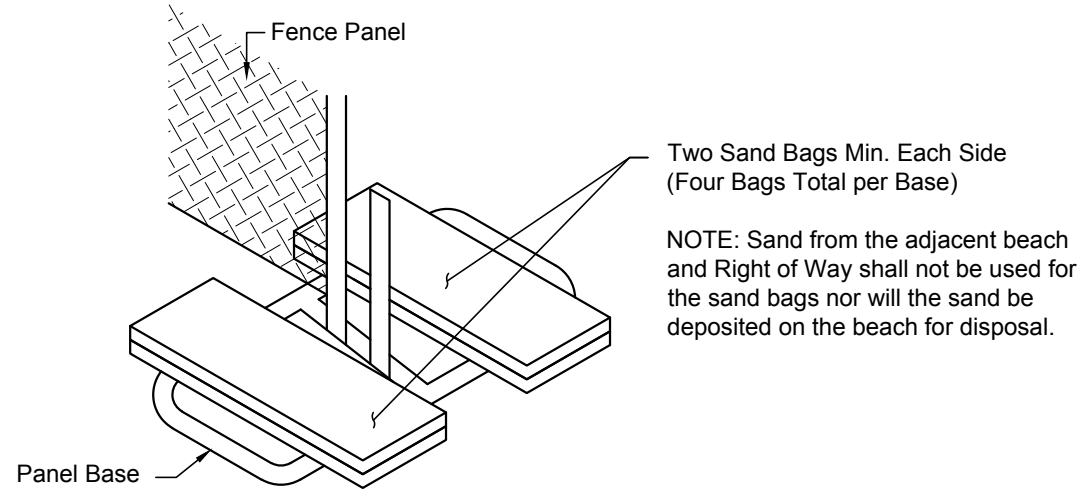
Job Number: 000
Drawn By: P.A.C.
Approved By: E.G.S.

Sheet Number:

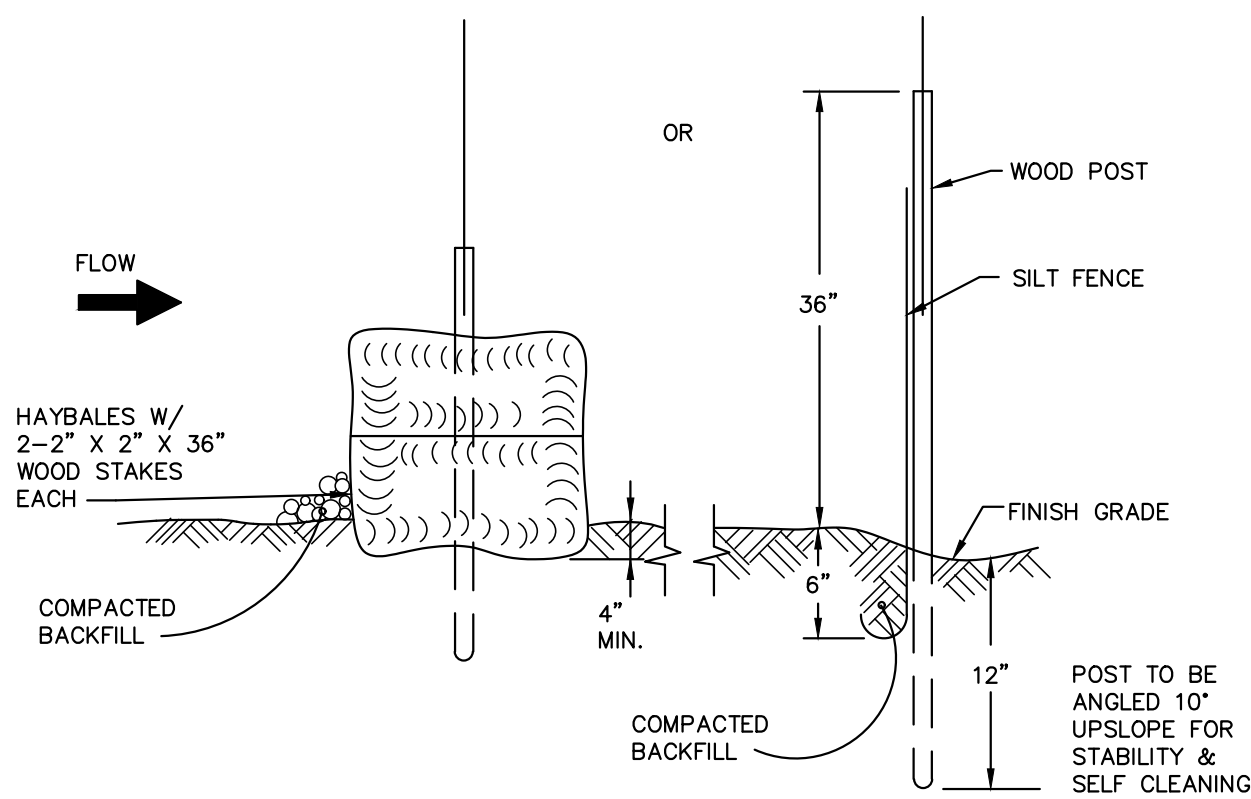
C-1

ZONING TABLE - R-5 ZONE			
	Required	Existing	Proposed
Min. Lot Area	5,000 S.F.	3,224± S.F.	No Change
Min. Setbacks			
Front Yard	10'	9.6'	No Change
Side Yard	5' & 10'	3.6'	No Change
Rear Yard	20'	15.9'	No Change
Max. Height (Stories)	3	N/A	2
Max. Height	35	N/A	33.8±*
Building Floor Area	45%	49.6%	No Change
Lot Coverage	65%	46.9%	No Change

* Mean Roof Height



FENCE PANEL BASE DETAIL
SCALE: NONE

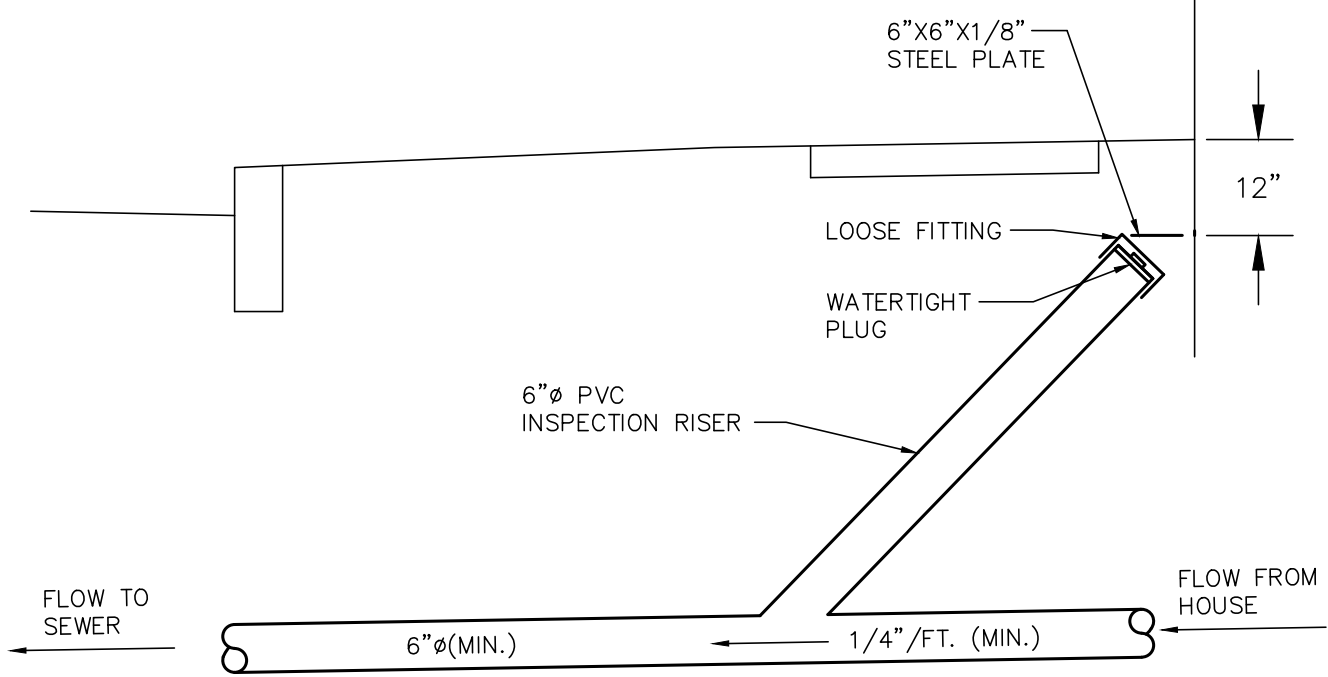


TYPICAL SEDIMENT BARRIER DETAIL
SCALE: NONE

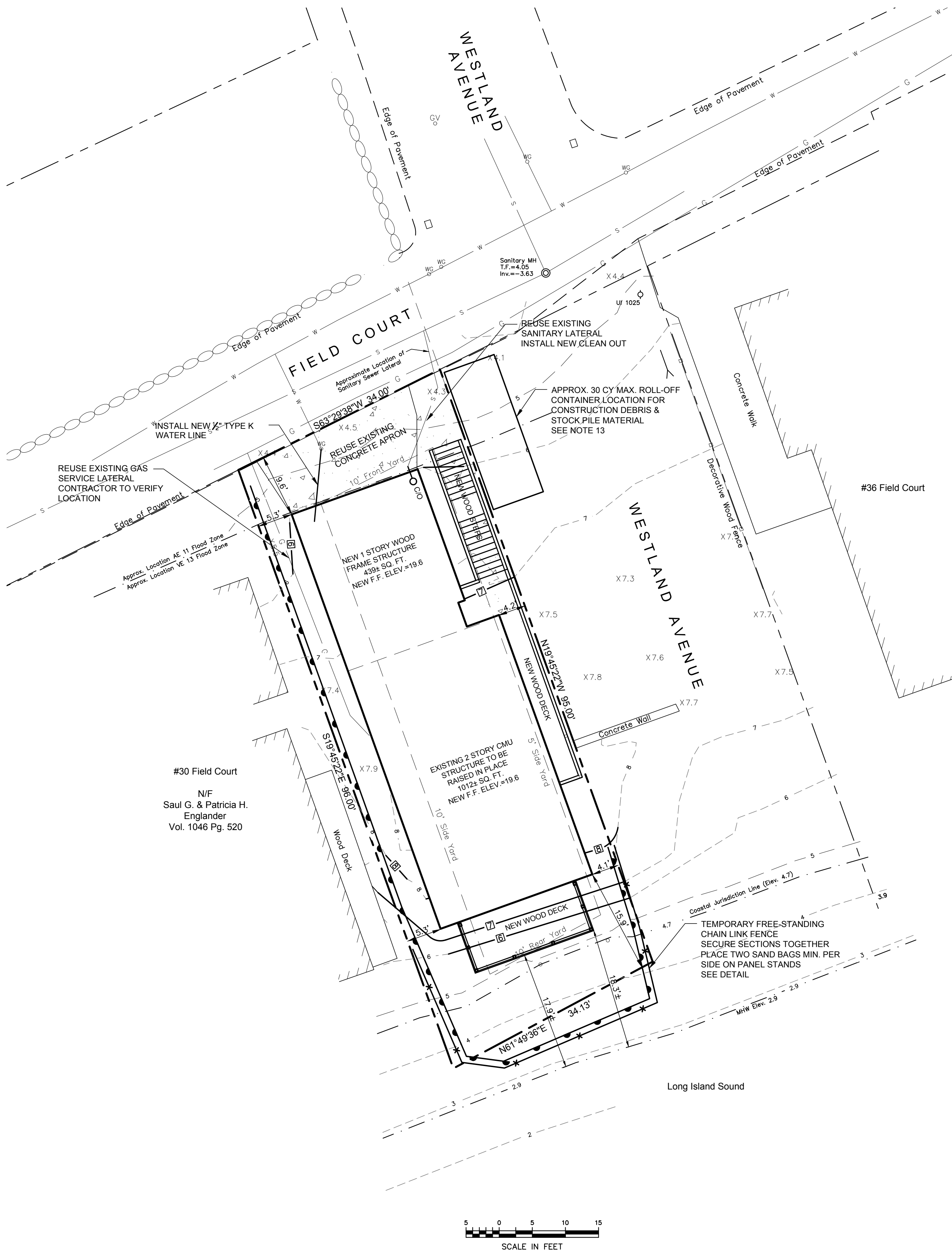
A CONDITION OF ALL SEWER PERMITS FOR INSTALLING RESIDENTIAL SEWER CONNECTIONS IS THE REQUIREMENT TO FURNISH AND INSTALL A SEWER INSPECTION RISER IN THAT AREA OF THE STREET RIGHT-OF-WAY BETWEEN THE CURB AND THE STREETLINE (FRONT PROPERTY LINE). THE INSPECTION RISER IS TO CONSIST OF A 45° WYE FITTING INSTALLED ON THE HOUSE CONNECTION SEWER APPROXIMATELY 4 FEET BEHIND THE STANDARD CURB LOCATION*. A 6"Ø PVC INSPECTION RISER PIPE IS TO BE INSTALLED TO WITHIN 12" OF THE FINISHED GROUND SURFACE AND FITTED WITH A WATERTIGHT PLUG. A 6"x6"x1/8" STEEL PLATE IS TO BE PLACED ABOVE THE END OF THE INSPECTION RISER WHEN BACKFILLING THE AREA TO GRADE TO ASSIST WITH FUTURE RECOVERY OF THE INSPECTION RISER BY MEANS OF A MAGNETIC DETECTOR.

*IN A SEWER EASEMENT THE INSPECTION RISER IS TO BE AT THE EDGE OF THE EASEMENT.

*IN LOCATIONS WHERE AN EXISTING LATERAL EXTENDS TO THE STREET LINE, THE "Y" CONNECTION SHALL BE PLACED AS CLOSE TO THE STREET LINE AS POSSIBLE, WITH THE INSPECTION RISER EXTENDING TO WITHIN 12" OF GRADE AND LOCATED ON PRIVATE PROPERTY.



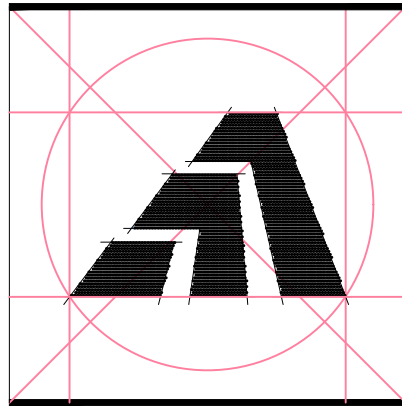
INSPECTION RISER DETAIL
N.T.S. N.T.S.



LEGEND	
●	Property Corner
○	Rebar Found
---	Property Line
---	Setback Line
---	Chain Link Fence
---	Wooden Fence
---	Stonewall
---	Existing Gas Service
---	Existing Watermain
---	Existing Sanitary Sewer
---	Proposed Erosion Control Barrier
---	Proposed Gas Service Lateral
---	Proposed Water Service Lateral
---	Proposed Sanitary Sewer
---	Proposed Spot Elevation
---	Tidal Wetland Line per CGS Sections 22a-28 through 22a-35 (Elev. 3.9)

GENERAL NOTES:

- Prior to demolition, all erosion control barriers shall be placed in accordance with the Town of Milford's requirements and shall be left in place and maintained until the work has been completed and surfaces stabilized.
- It shall be the responsibility of the contractor to monitor the condition of the erosion control structures. If the effectiveness or integrity of the structures is found to be insufficient or if the structures are damaged in any way, the contractor shall make whatever repairs are necessary to ensure that proper erosion control is maintained.
- If additional erosion and sedimentation control structures are necessary to minimize erosion and sedimentation as determined in the field, the contractor shall install structures as required at the contractors expense.
- All debris from the demolition and any required environmental mitigation such as asbestos abatement or other hazardous building material shall be immediately removed from the site at the contractor's expense. All materials shall be disposed of off site at an approved facility.
- Contractor to contact all utility companies to shut-off or disconnects existing services prior to construction.
- Removal existing overhead and re-attachment to be in accordance with United Illuminating Company specifications.
- Shut-off/disconnection of existing gas service and installation of new gas meter and service lateral per Southern Connecticut Gas Company Specifications.
- Disconnect existing sanitary sewer lateral. Protect end from debris and construction activities. Reconnect with new service lateral.
- No stockpile of any material will be permitted to the rear of the site.
- The underground utilities depicted hereon have been compiled from observable evidence, such as manholes, catch basins and water gates. These locations must be considered as approximate in nature. Additionally, other such features may exist on the sites, the existence of which is unknown to Loureiro Engineering Associates, Inc. (Loureiro). The size, location and existence of all such features must be field determined and verified by the appropriate authorities prior to construction. Call Be-For-You-Dig at 1-800-922-4455 or 811.
- Prior to issuance of a Building Permit, details of the apron, sidewalk and residential inspection riser shall be presented to City of Milford Planning and Zoning for approval.
- Permits from the City of Milford Engineering department required for driveway apron, sidewalk, and for sanitary work prior to construction.
- 30 cubic yard roll-off container maximum. No more than one container on site at any time. Containers cannot be placed in the Field Court Right of Way and cannot obstruct public access to the beach within the Westland Avenue Right of Way.
- No heavy equipment shall be parked or block access to the beach along Westland Avenue without permission from the Town of Milford. Any access to the rear of the building from the beach will require a temporary authorization from CTDEEP OLISP. Any applicable fees for permits shall be at the Contractor's expense.



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SMEP Consultant:



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An Employee Owned Company
email : info@loureiro.com
Comm No. 01MH4.02

Sheet Title:

SITE PLAN & DETAILS

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

**STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)**

Date:

Job Number: 000
Drawn By: P.A.C.
Approved By: E.G.S.

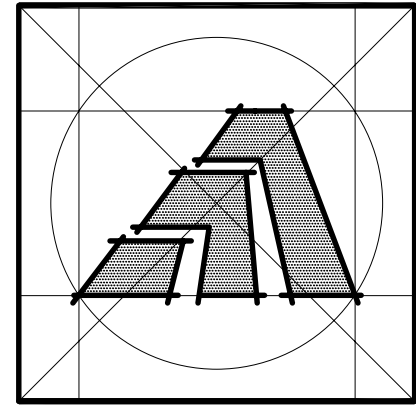
Sheet Number:

C-2

To my knowledge and belief, the plans are substantially correct as noted hereon.

Edward G. Stearns, P.E. #9266





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American Institute of Architects

284 RACEBROOK RD. TEL (203) 795 5656
ORANGE, CT 06477 FAX (203) 799 3871

Sheet Title:
EXISTING FLOOR PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

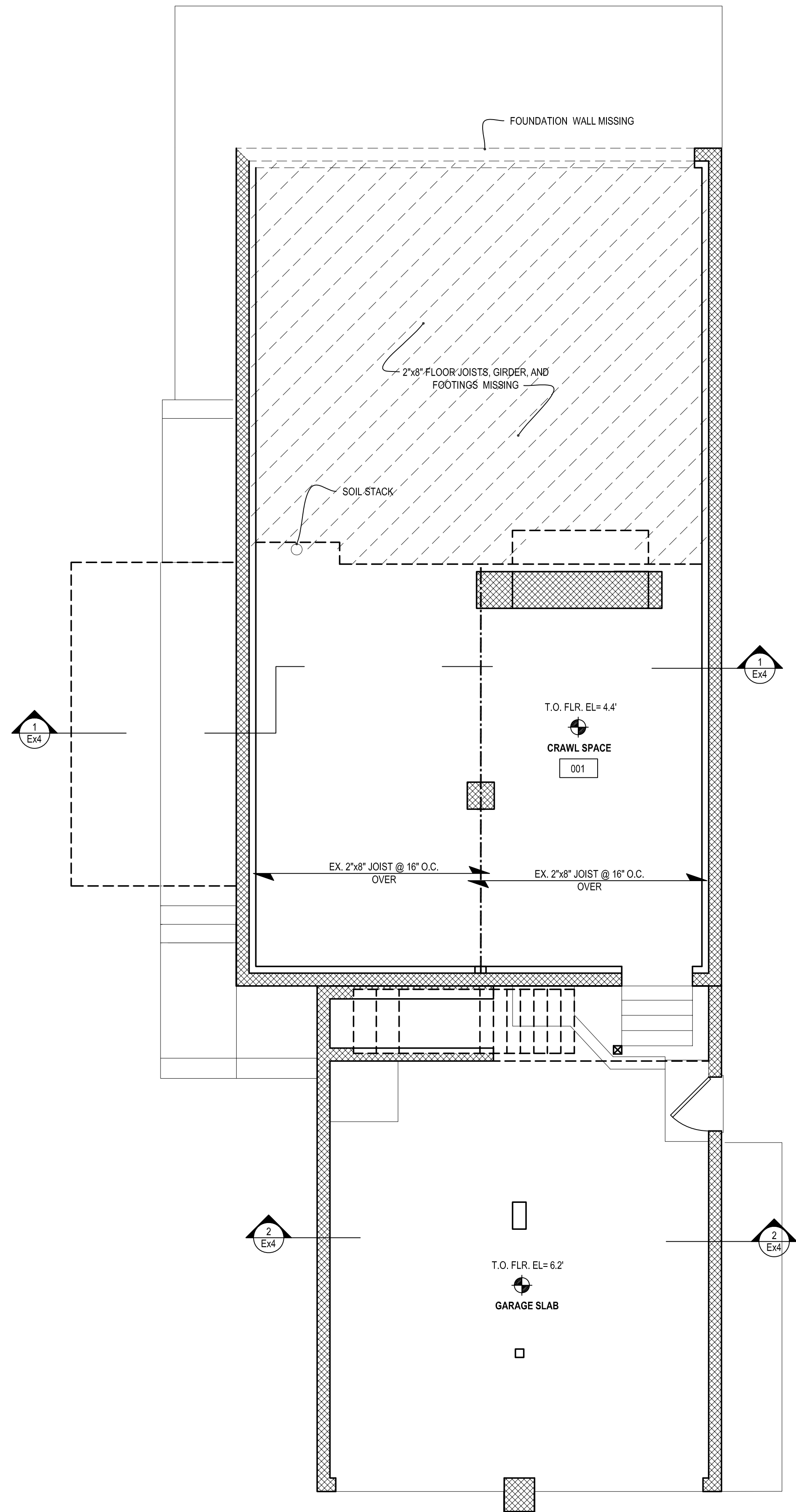
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

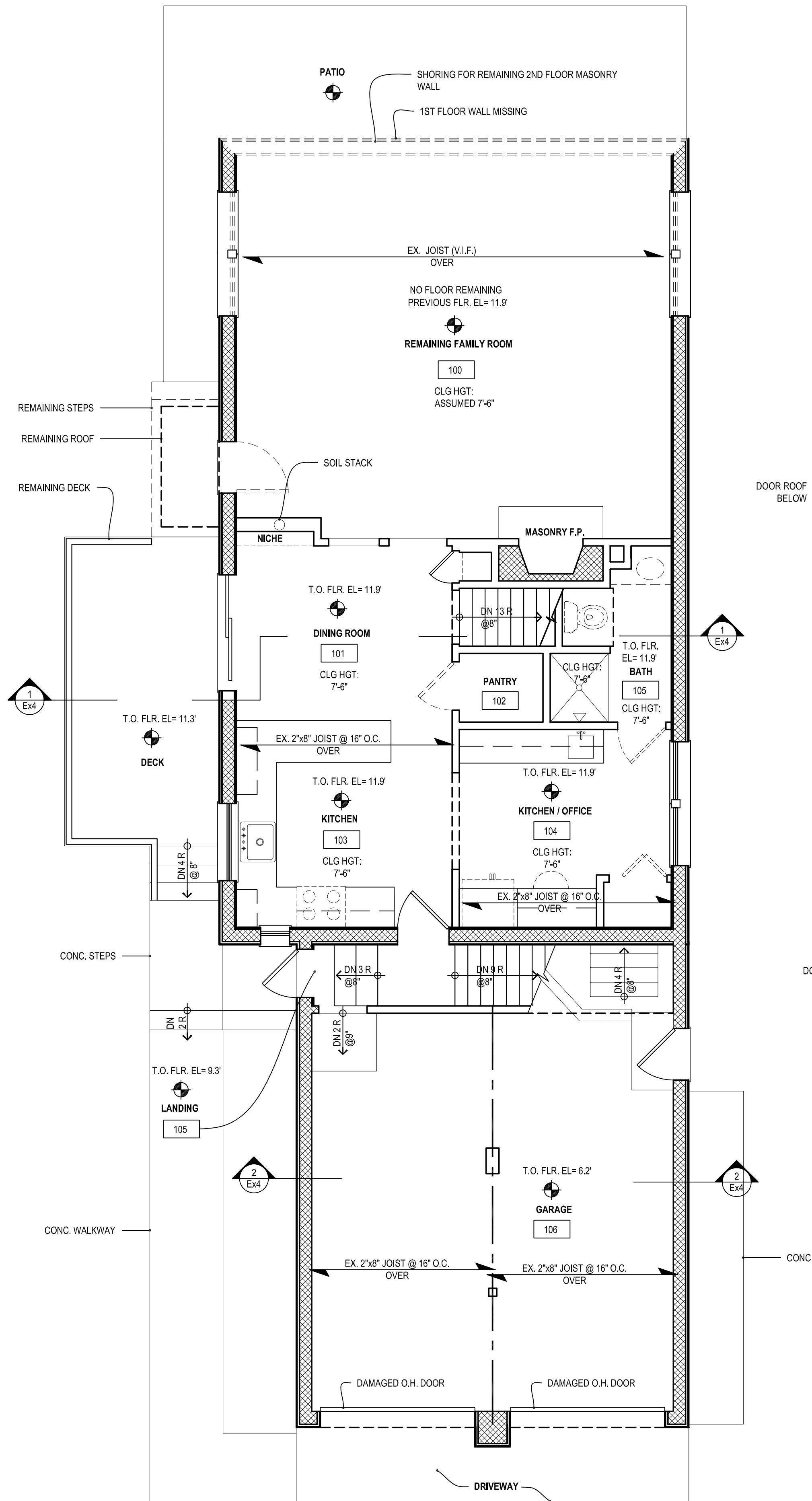
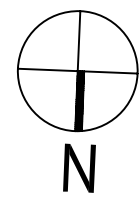
Job Number: 2243
Drawn By: J.V.L.

Sheet Number:

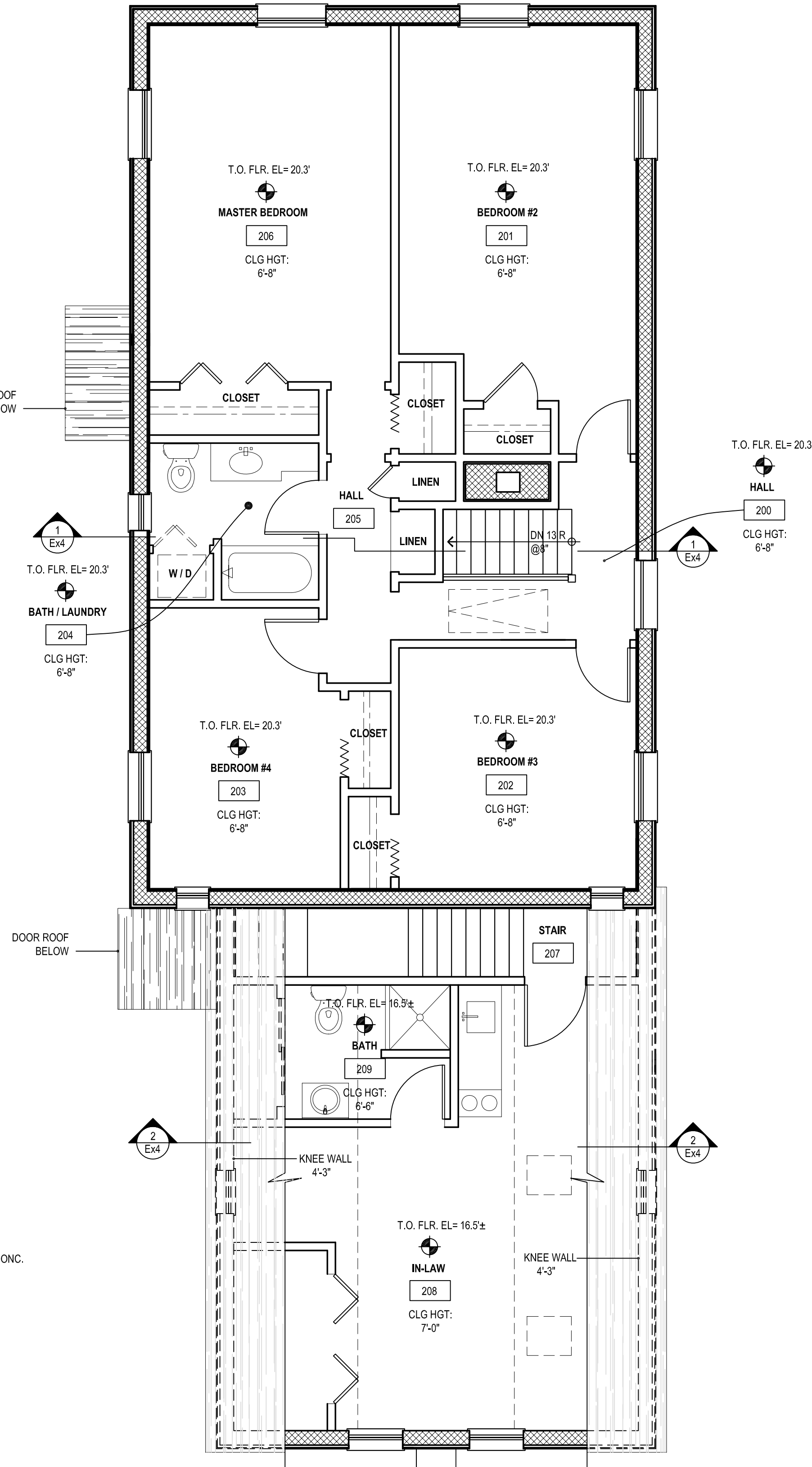
Ex1



1 EXISTING FOUNDATION PLAN
Ex1 SCALE: 1/4" = 1'-0"

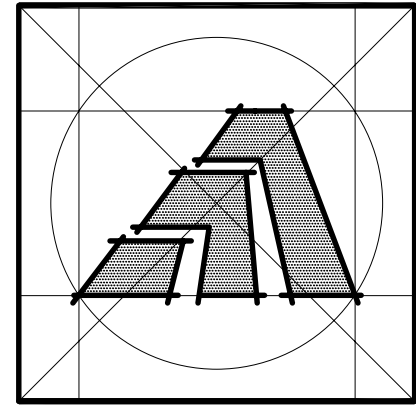


2 EXISTING FIRST FLOOR PLAN
Ex1 SCALE: 1/4" = 1'-0"



3 EXISTING SECOND FLOOR PLAN
Ex1 SCALE: 1/4" = 1'-0"





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284 RACEBROOK RD.
ORANGE, CT 06477

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Sheet Title:
EXISTING PLANS

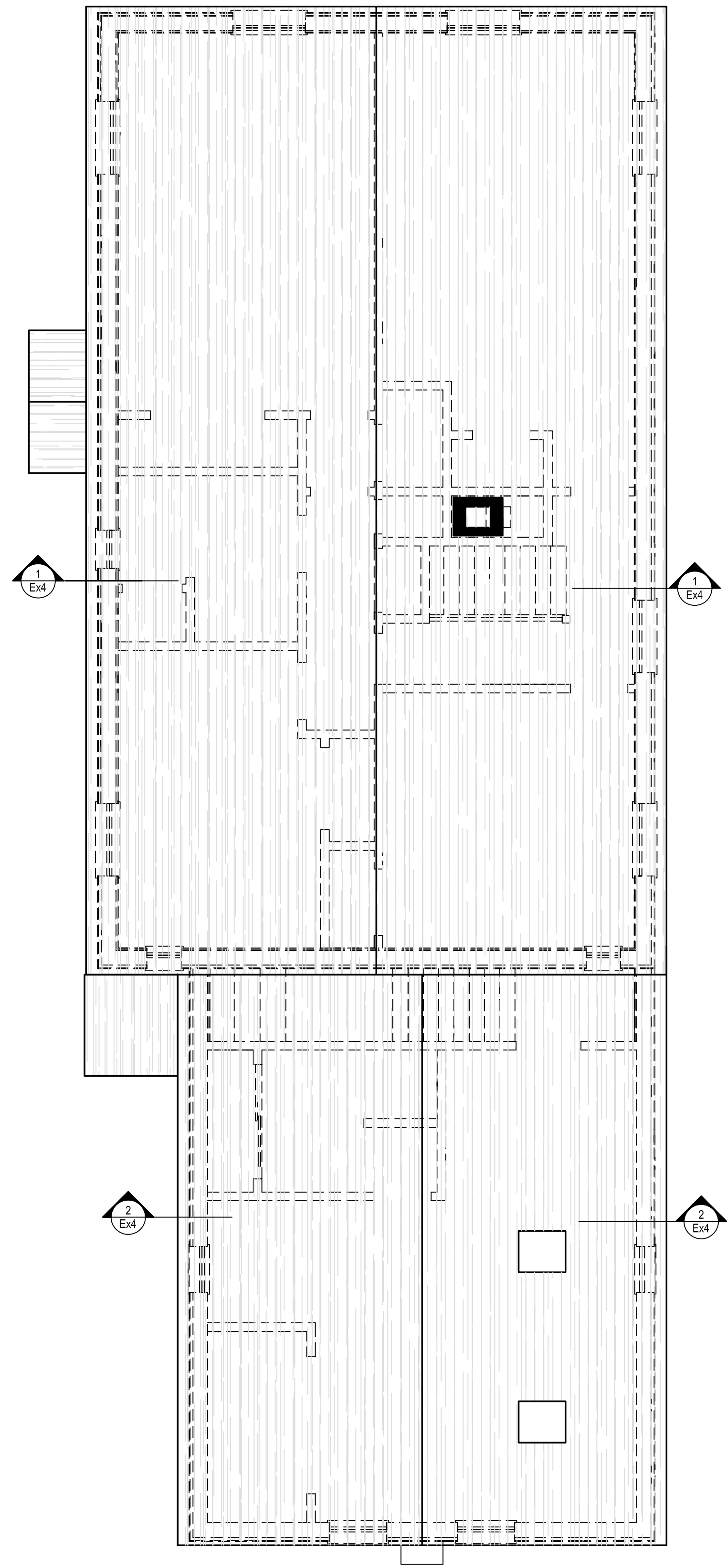
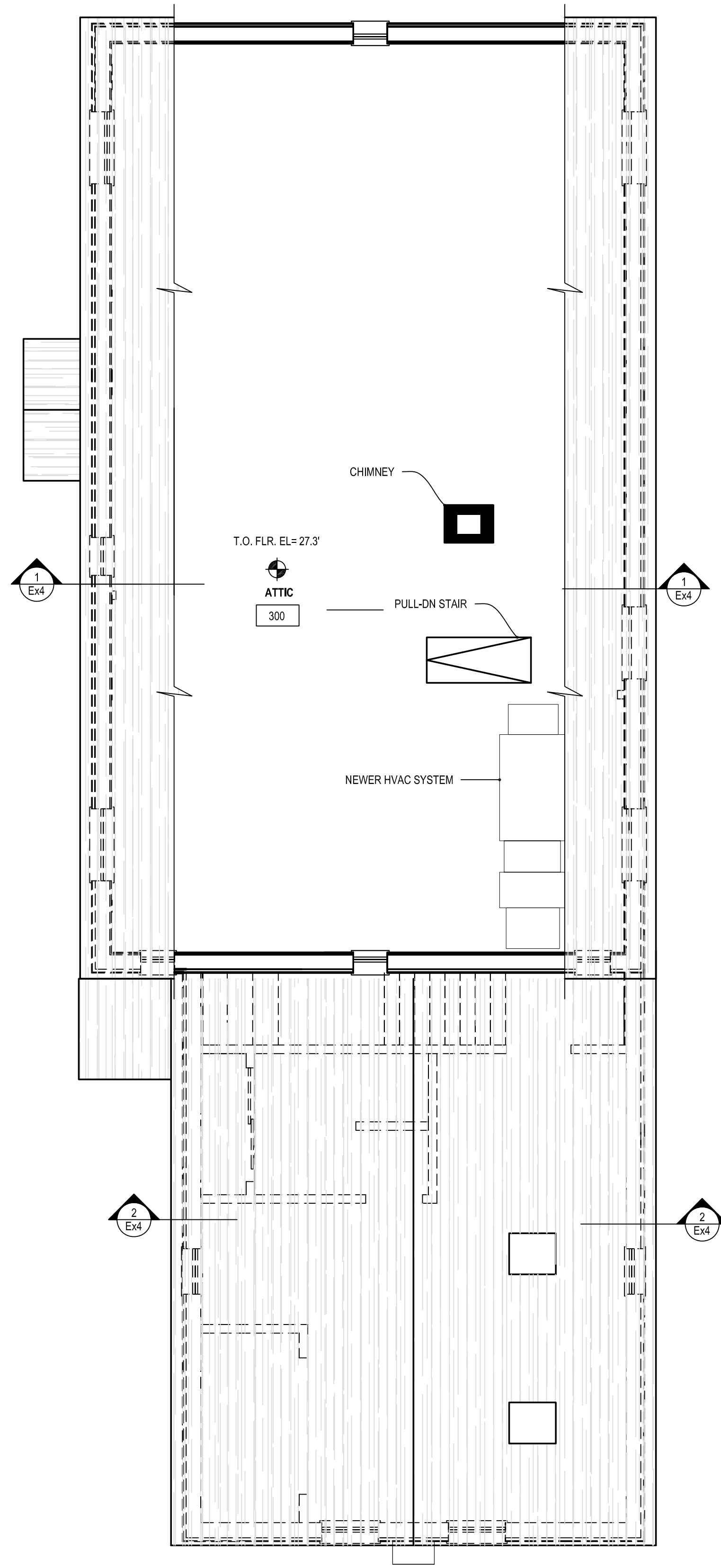
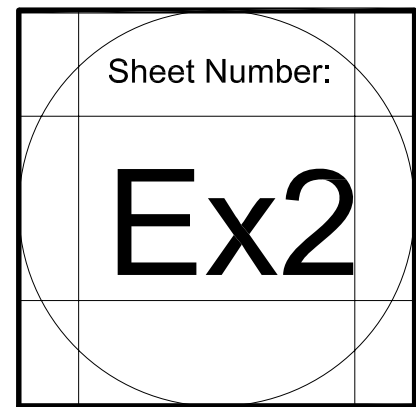
APPLICATION # 2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

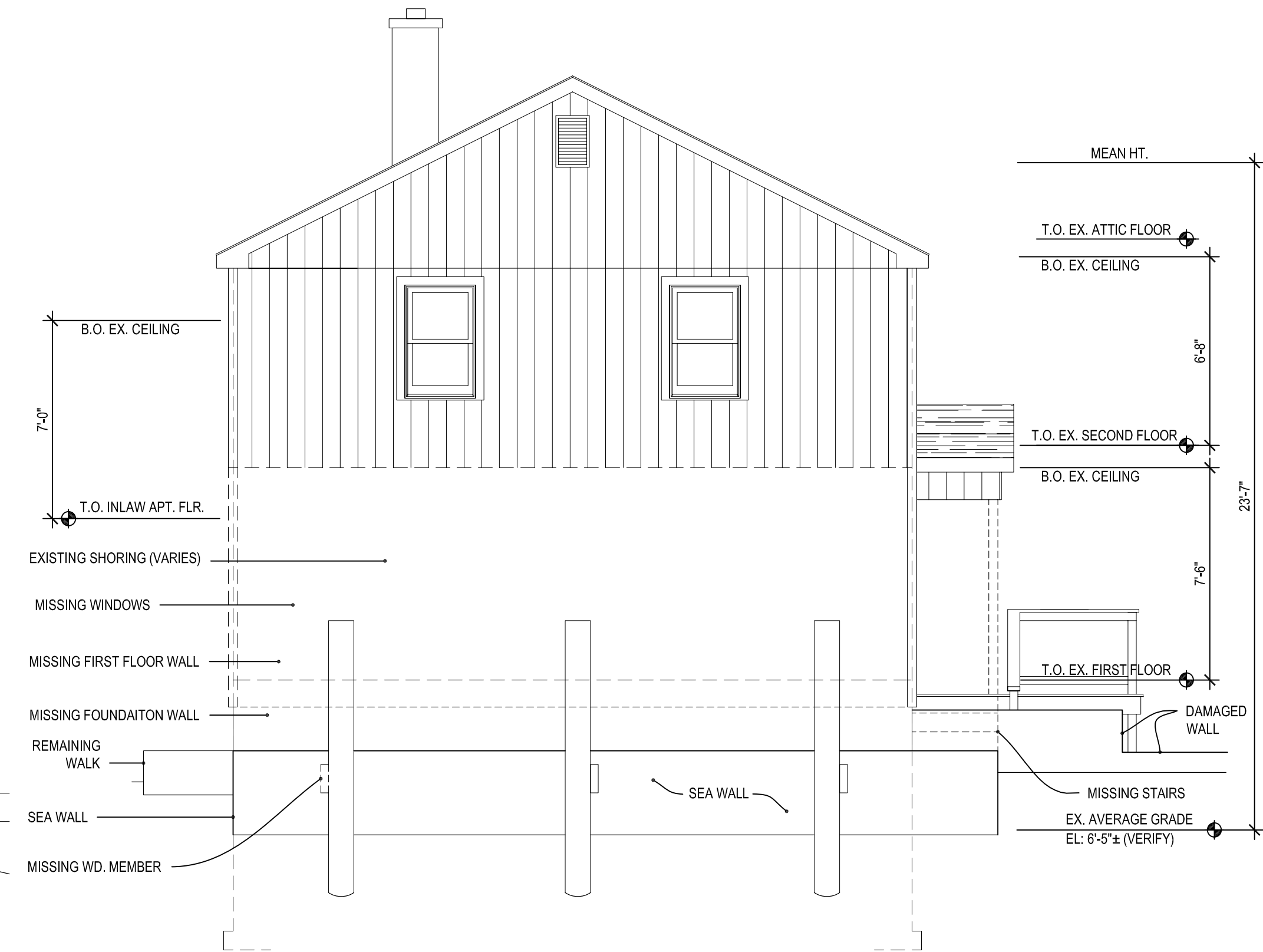
Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

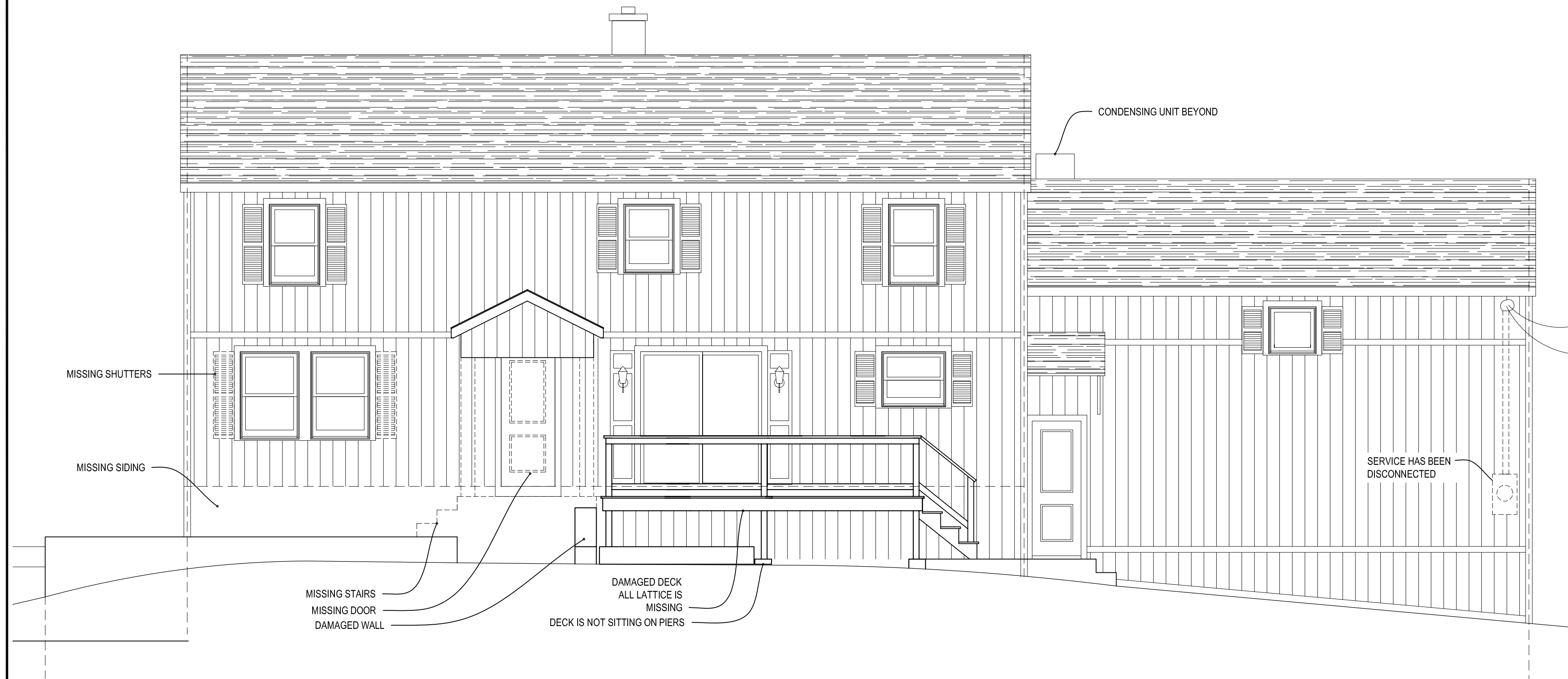




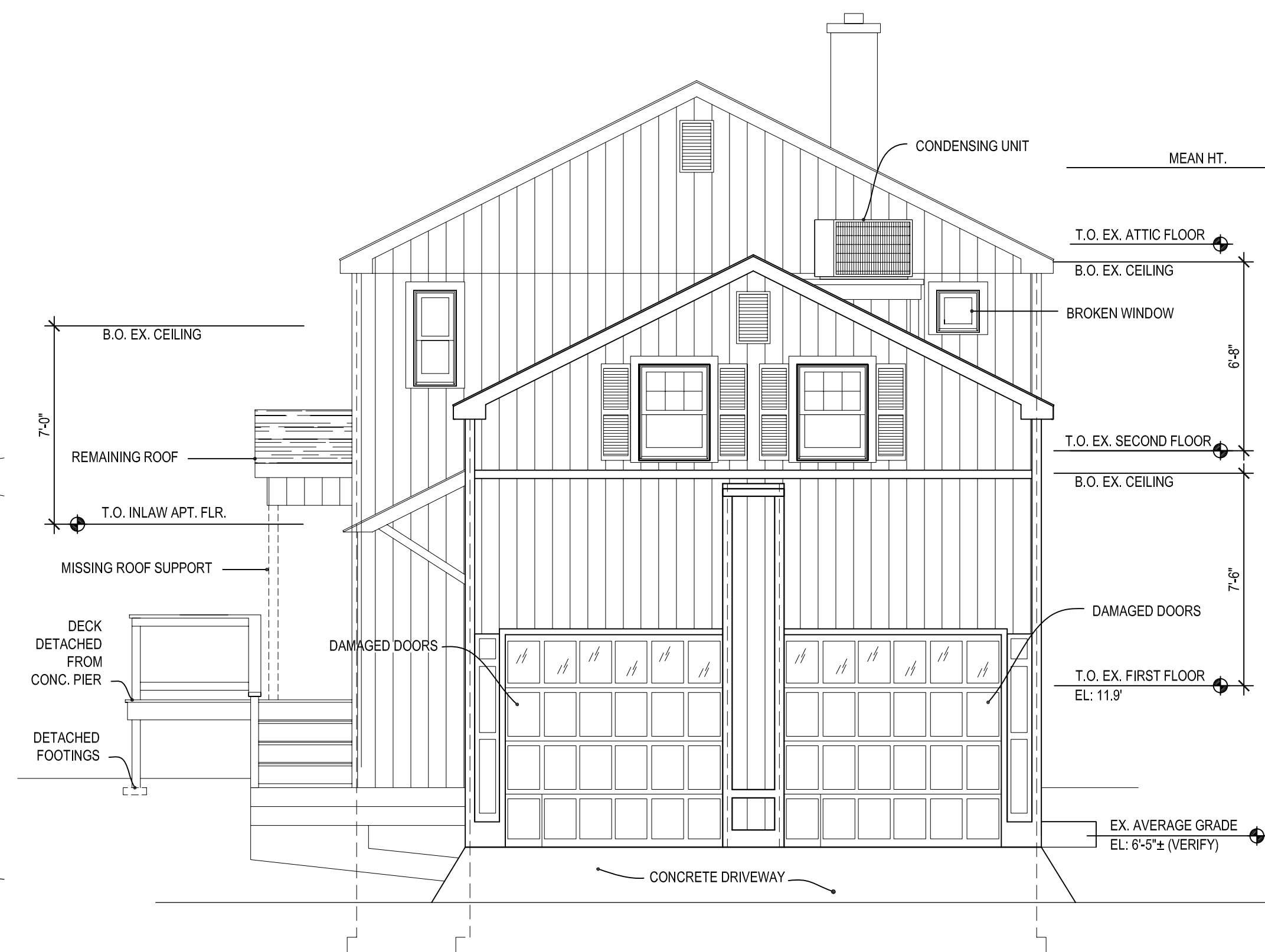
4
Ex3
EXISTING RIGHT ELEVATION (WEST)
SCALE: 1/4" = 1'-0"



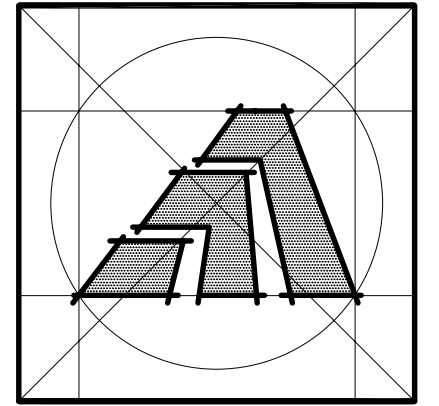
3
Ex3
EXISTING REAR ELEVATION (SOUTH)
SCALE: 1/4" = 1'-0"



2
Ex3
EXISTING FRONT ELEVATION (EAST)
SCALE: 1/4" = 1'-0"



1
Ex3
EXISTING FRONT ELEVATION (NORTH)
SCALE: 1/4" = 1'-0"



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Sheet Title:
EXISTING ELEVATIONS

APPLICATION # 2243

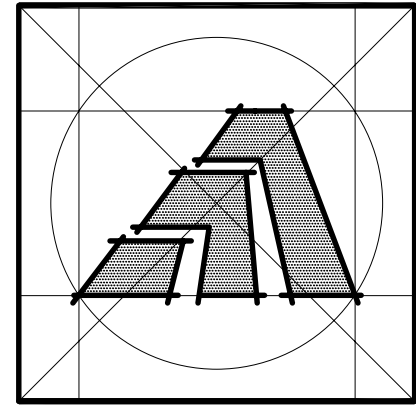
RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

Sheet Number:
Ex3



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ORANGE, CT 06477

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Sheet Title:
EXISTING SECTIONS

APPLICATION # 2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

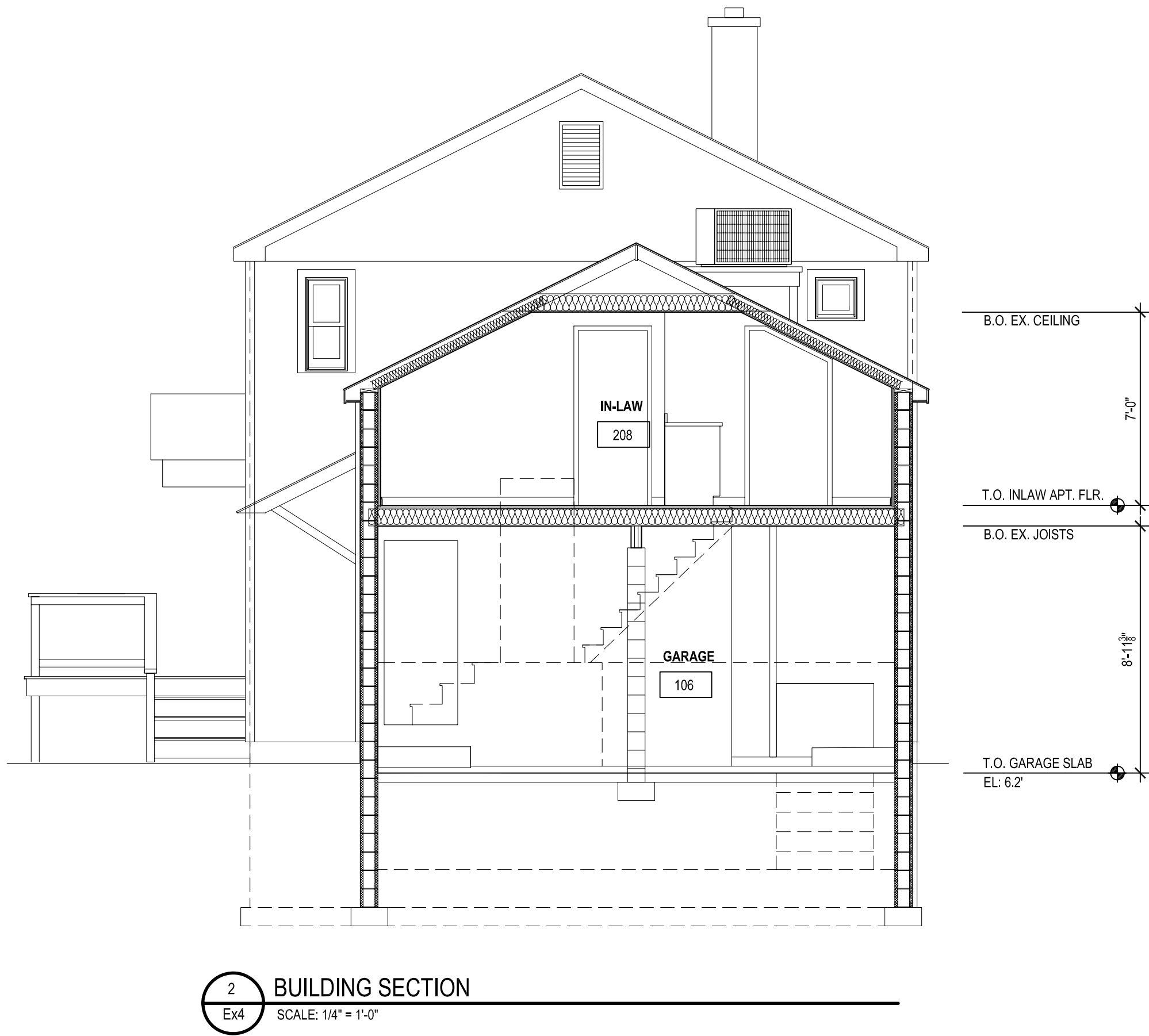
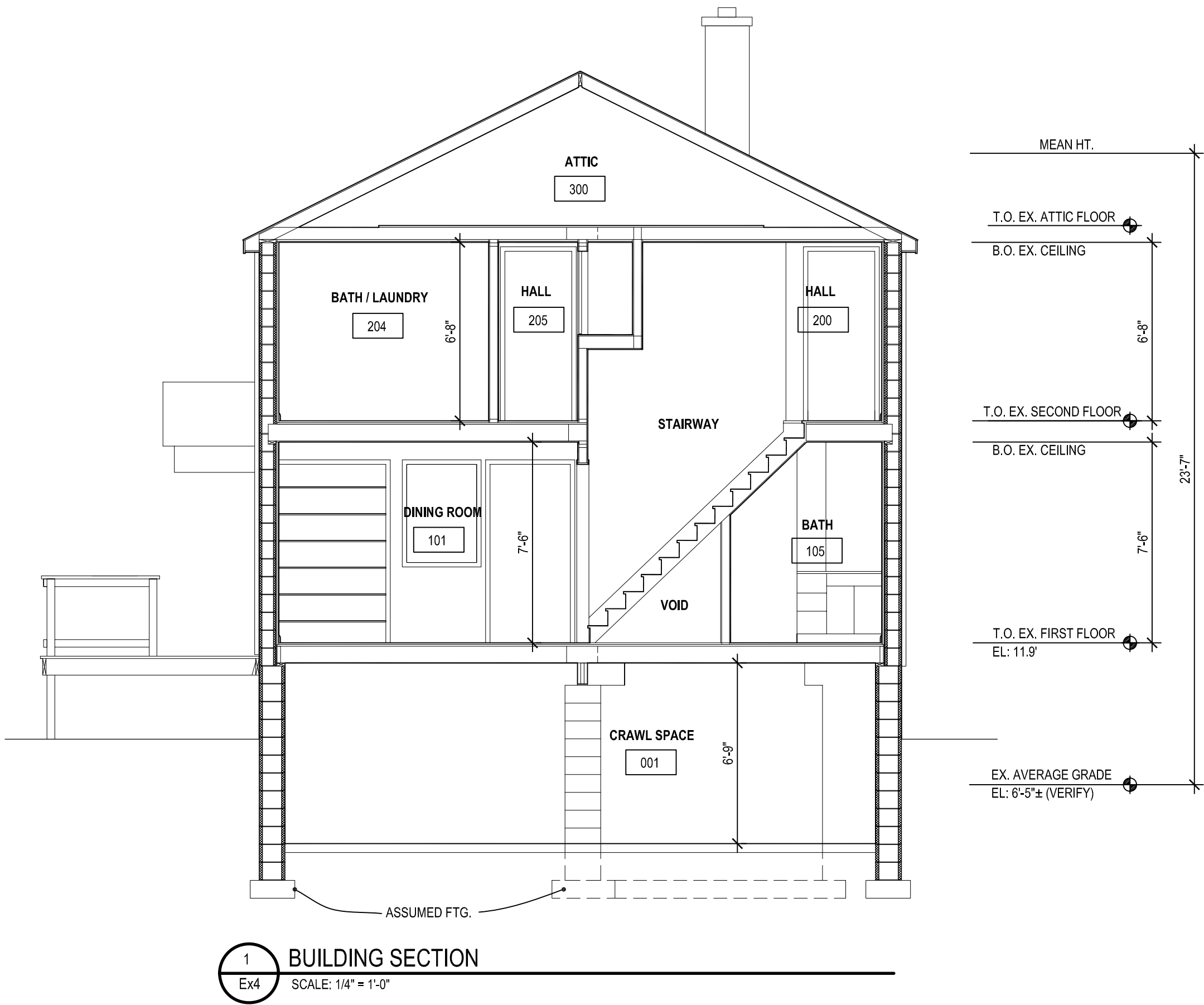
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

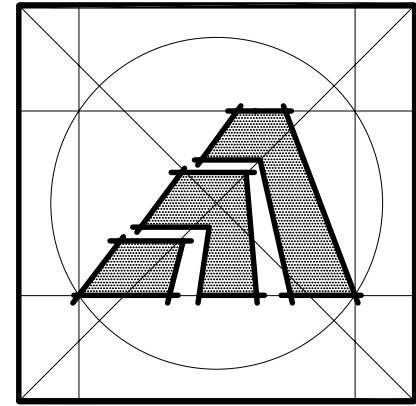
Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

Sheet Number:

Ex4





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ORANGE, CT 06477 FAX (203) 799 3871

Sheet Title:
REMOVAL PLANS

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number: 2243

Drawn By: J.V.L.

Sheet Number:

R1

REMOVAL TAG LEGEND

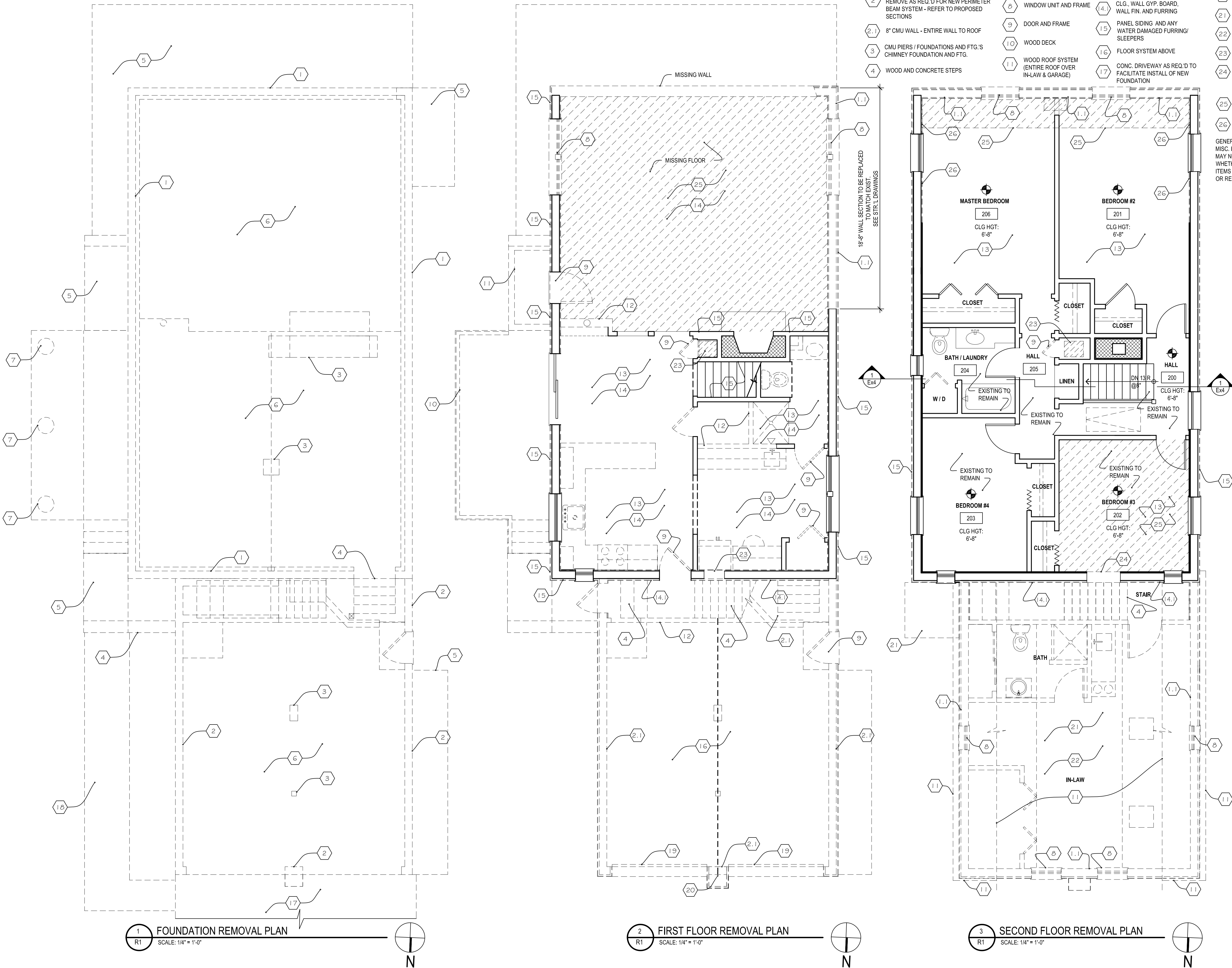
ELECTRICAL AND PLUMBING MISC. NOT DENOTED
ALL UTILITIES SHALL BE LOCATED AND DISCONNECTED PRIOR TO COMMENCING WORK.
ALL SHORING SHALL BE IN PLACE PRIOR TO REMOVAL OF STRUCTURAL ELEMENTS.

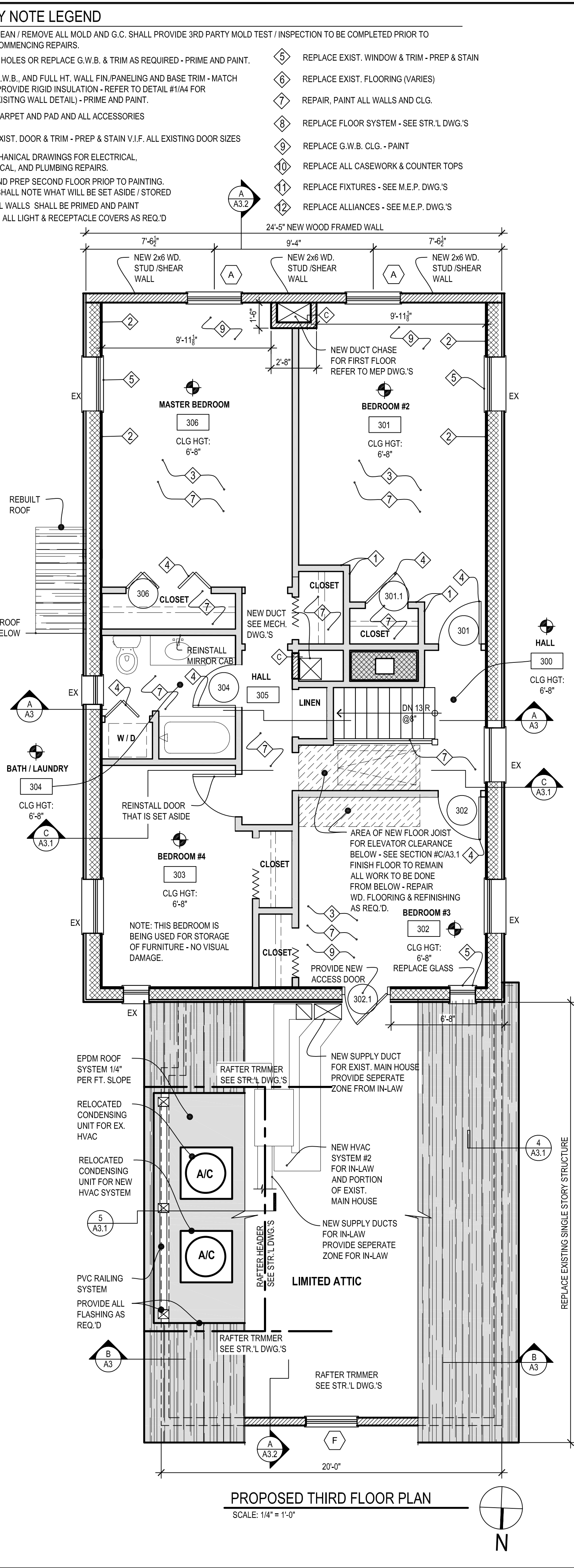
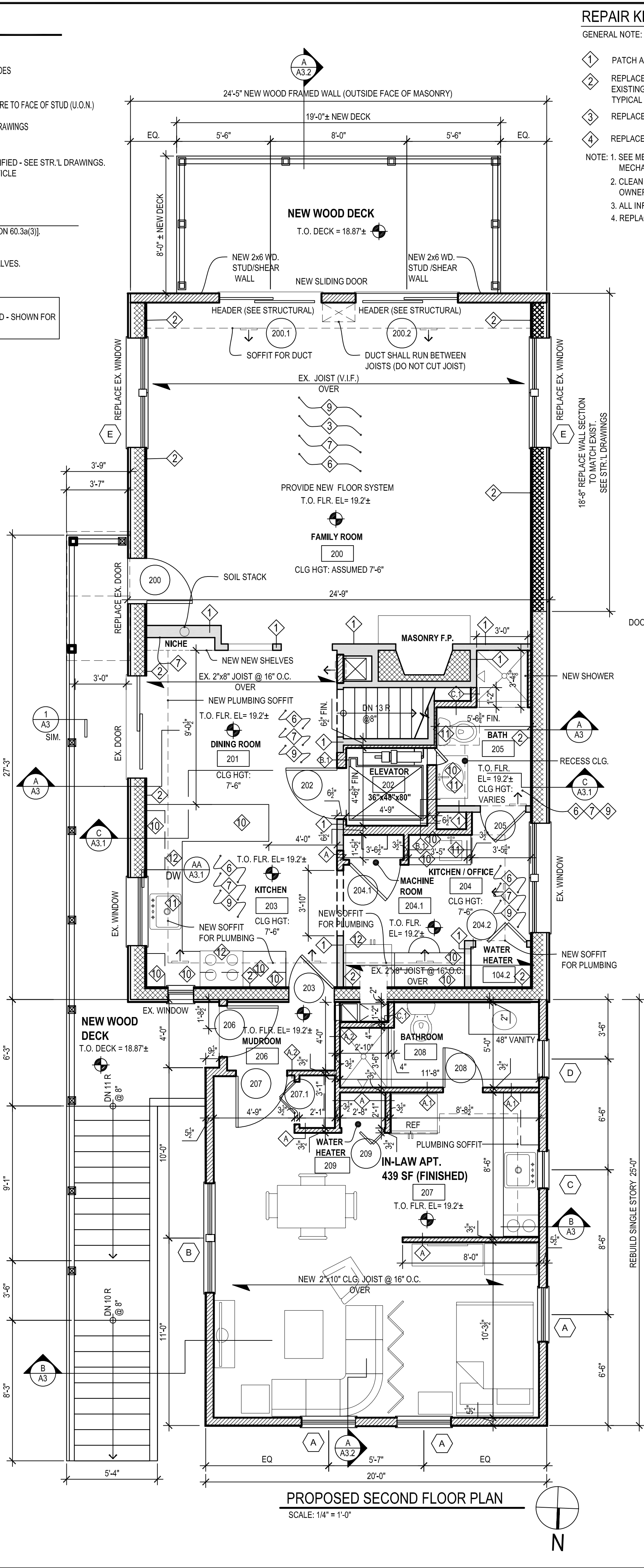
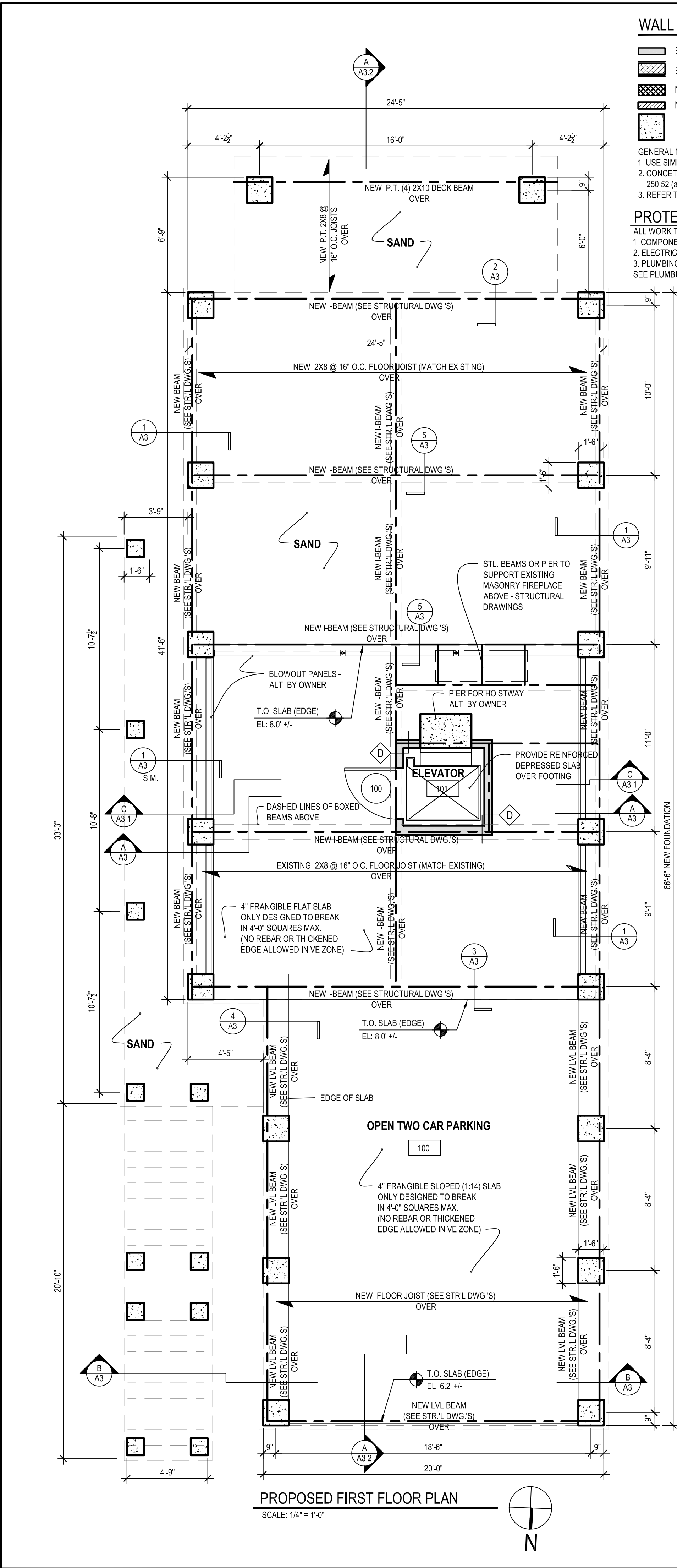
LEGEND

EXISTING
REMOVED (MISC. ITEMS MAY NOT BE NOTED)
VERIFY WITH G.C. ITEMS TO BE SET ASIDE.

- | | | | |
|--|--|--|--|
| 1 CMU FOUNDATION WALL AND CONC. FTG. REFER TO PROPOSED SECTIONS. | 5 CONCRETE PATIO | 12 INTERIOR WOOD STUD WALLS | 18 CONC. SIDEWALK |
| 1.1 CMU FULL HT. WALL (SECTION) REFER TO PROPOSED SECTIONS. | 6 CONCRETE SLAB | 13 FINISH FLOORING (VARIES) | 19 OVERHEAD DOORS |
| 2 8" CMU FOUNDATION WALL AND CONC. FTG. REMOVE AS REQ'D FOR NEW PERIMETER BEAM SYSTEM - REFER TO PROPOSED SECTIONS | 7 CONCRETE DECK PIERS | 14 CLG. WALL GYP. BOARD, AND WALL FIN. | 20 PILASTER |
| 2.1 8" CMU WALL - ENTIRE WALL TO ROOF | 8 WINDOW UNIT AND FRAME | 14.1 CLG. WALL GYP. BOARD, WALL FIN. AND FURRING | 21 ROOF SYSTEM |
| 3 CMU PIERS / FOUNDATIONS AND FTG.'S CHIMNEY FOUNDATION AND FTG. | 9 DOOR AND FRAME | 15 PANEL SIDING AND ANY WATER DAMAGED FURRING/ SLEEPERS | 22 IN-LAW APARTMENT |
| 4 WOOD AND CONCRETE STEPS | 10 WOOD DECK | 16 FLOOR SYSTEM ABOVE | 23 OPENINGS FOR MECH. - REFER TO MECH. DWG.'S |
| | 11 WOOD ROOF SYSTEM (ENTIRE ROOF OVER IN-LAW & GARAGE) | 17 CONC. DRIVEWAY AS REQ'D TO FACILITATE INSTALL OF NEW FOUNDATION | 24 OPENINGS FOR ACCESS AT SECOND FLOOR - NOT SHOWN |
| | | | 25 DAMAGED G.W.B. CLG. OR AS NEEDED FOR REPAIRS |
| | | | 26 DAMAGED G.W.B. AND WALL FIN. (V.I.F.) |

GENERAL NOTE:
MISC. ITEMS, ACCESSORIES AND FURNITURE
MAY NOT BE SHOWN - G.C. SHALL V.I.F.
WHETHER THERE ARE ANY UNFORESEEN
ITEMS THAT WILL NEED TO BE REPAIRED
OR REPLACED.



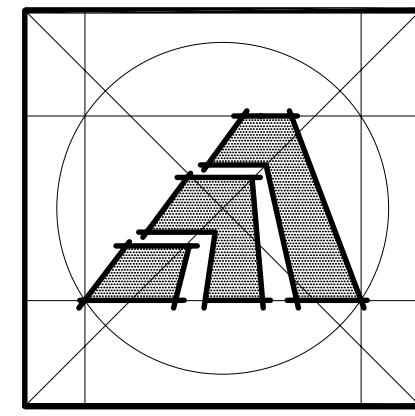


REPAIR KEY NOTE LEGEND

GENERAL NOTE: CLEAN / REMOVE ALL MOLD AND G.C. SHALL PROVIDE 3RD PARTY MOLD TEST / INSPECTION TO BE COMPLETED PRIOR TO COMMENCING REPAIRS.

- PATCH ALL HOLES OR REPLACE G.W.B. & TRIM AS REQUIRED - PRIME AND PAINT.
- REPLACE G.W.B. AND FULL HT. WALL FIN./PANELING AND BASE TRIM - MATCH EXISTING. PROVIDE RIGID INSULATION - REFER TO DETAIL #11/44 FOR TYPICAL EXISTING WALL DETAIL - PRIME AND PAINT.
- REPLACE CARPET AND PAD AND ALL ACCESSORIES
- REPLACE EXIST. DOOR & TRIM - PREP & STAIN V.I.F. ALL EXISTING DOOR SIZES
- REPLACE EXIST. WINDOW & TRIM - PREP & STAIN
- REPLACE EXIST. FLOORING (VARIES)
- REPAIR, PAINT ALL WALLS AND CLG.
- REPLACE FLOOR SYSTEM - SEE STR'L DWG.'S
- REPLACE G.W.B. CLG. - PAINT
- REPLACE ALL CASEWORK & COUNTER TOPS
- REPLACE FIXTURES - SEE M.E.P. DWG.'S
- REPLACE ALLIANCES - SEE M.E.P. DWG.'S

NOTE: 1. SEE MECHANICAL DRAWINGS FOR ELECTRICAL, MECHANICAL, AND PLUMBING REPAIRS.
2. CLEAN AND PREP SECOND FLOOR PRIOR TO PAINTING. OWNER SHALL NOTE WHAT WILL BE SET ASIDE / STORED
3. ALL INFILL WALLS SHALL BE PRIMED AND PAINT
4. REPLACE ALL LIGHT & RECEPTACLE COVERS AS REQ'D



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284 RACEBROOK RD. TEL (203) 795 5656
ORANGE, CT 06477 FAX (203) 799 3871

Sheet Title:
PROPOSED FLOOR PLANS

APPLICATION # 2243

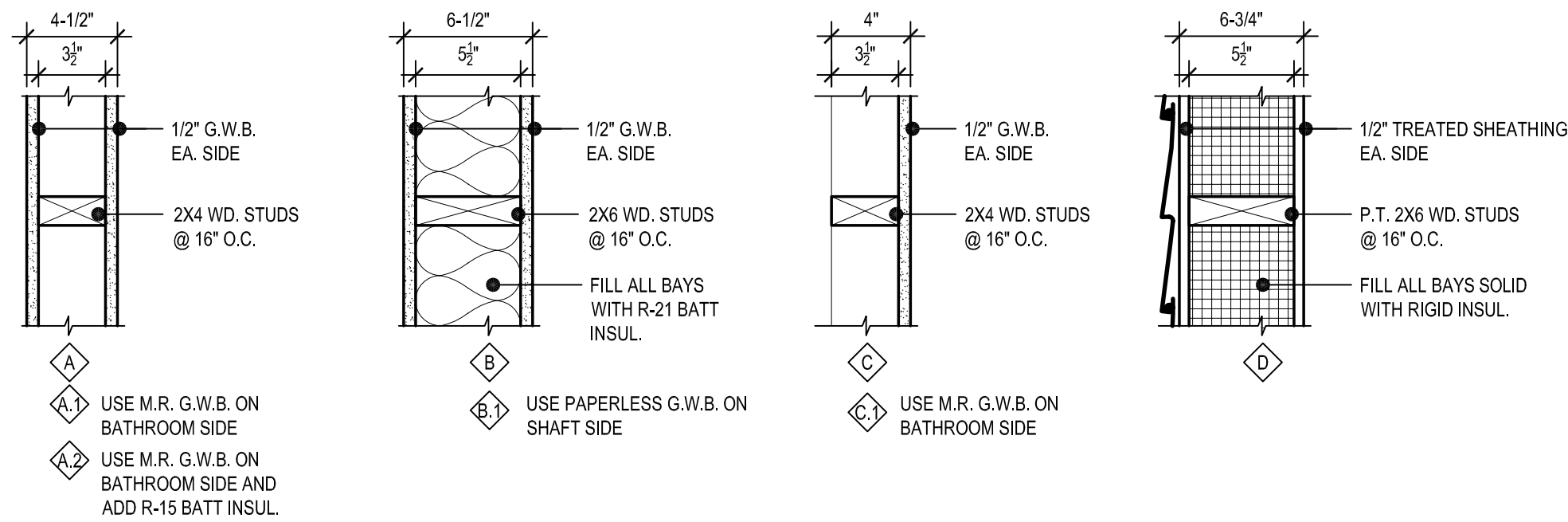
ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

**STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)**

Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

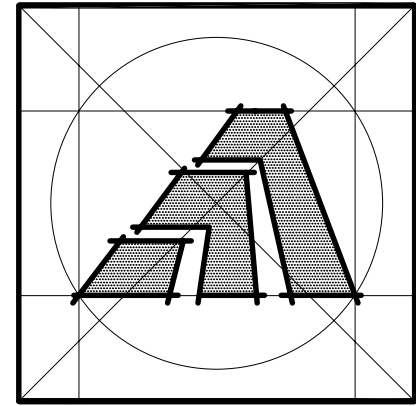
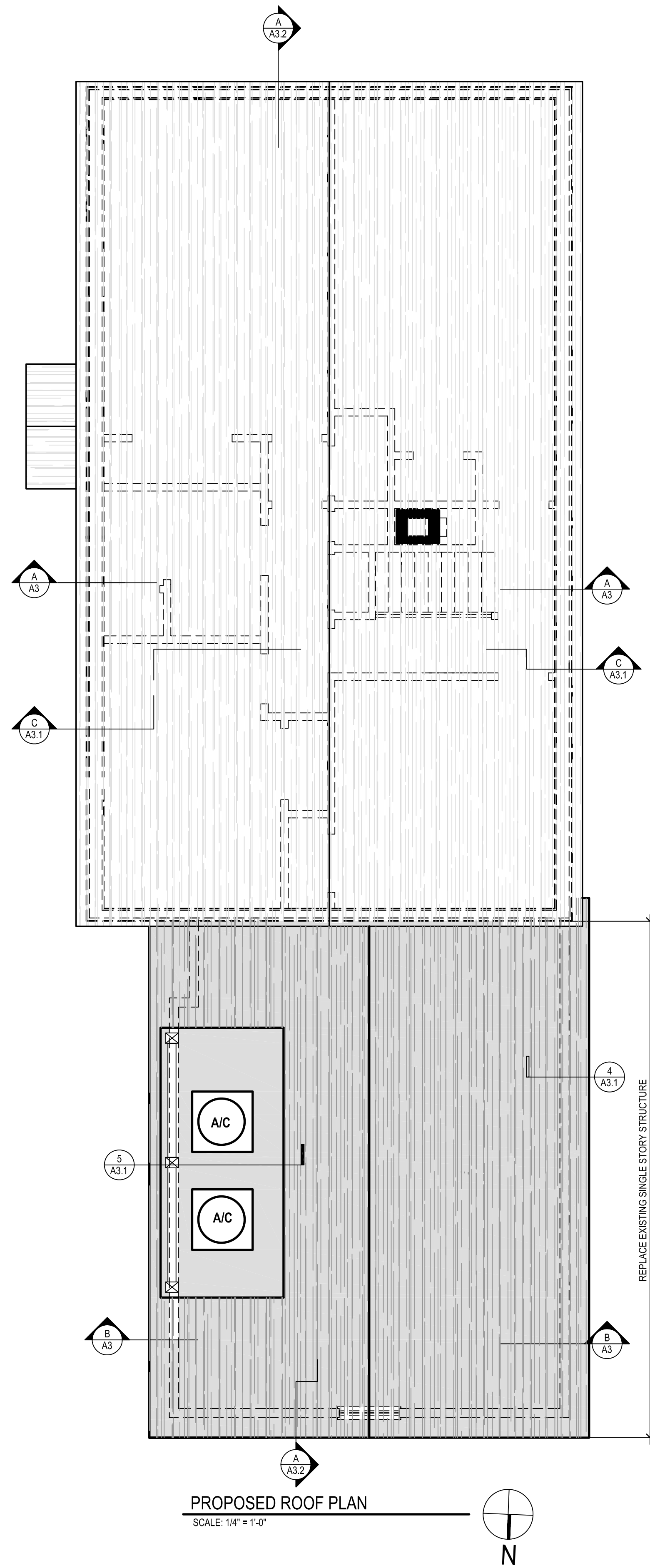
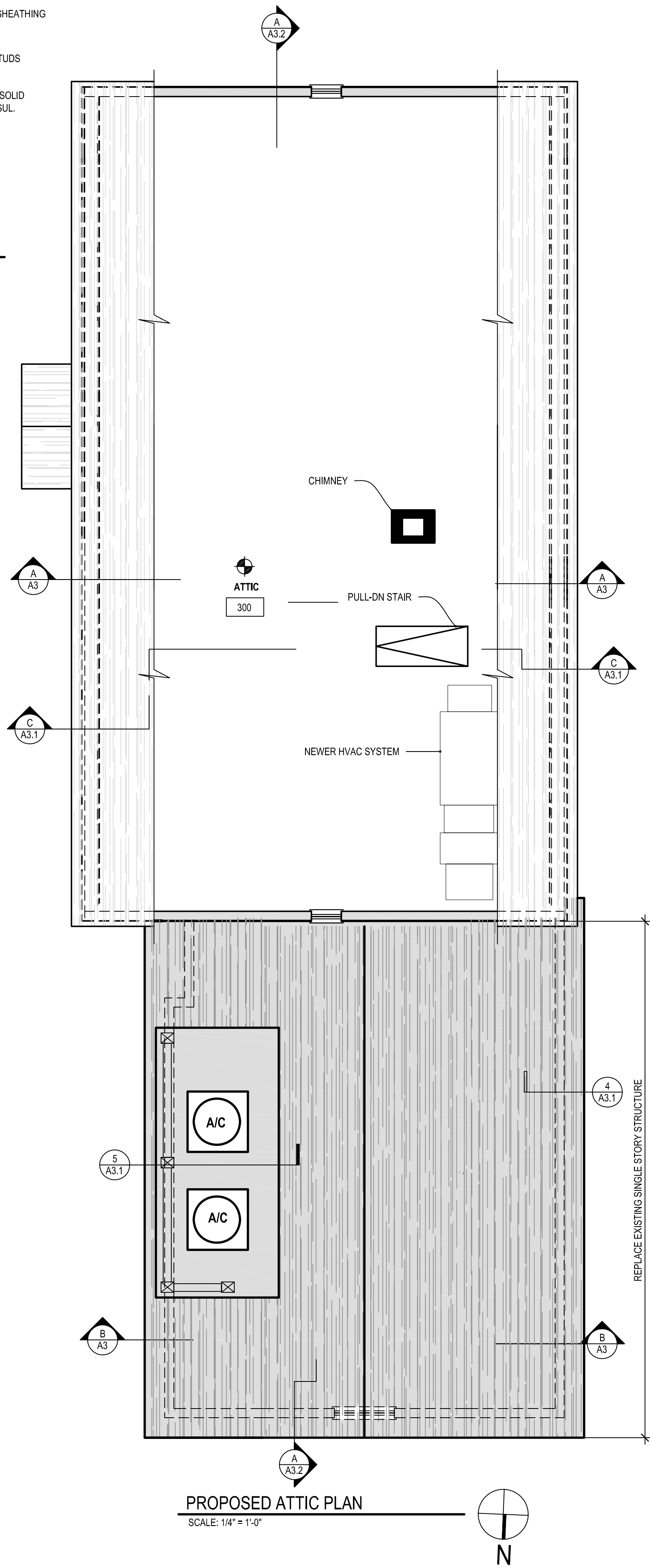
Sheet Number:
A1



PARTITION TYPES

SCALE: 1-1/2" = 1'-0"

NOTES: 1. PROVIDE BLOCKING AS REQ'D. FOR SHELVING, ETC.
2. ALL GYP. BD. TO BE TAPED AND COMPOUNDED (3) COATS.
3. ALL GYP. BD. TO BE PRIMED (1) COAT AND PTD. (1) COAT.



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ORANGE, CT 06477

TEL (203) 795 5656
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Sheet Title:
PROPOSED PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number: 2243

Drawn By: J.V.L.

Sheet Number:

A1.1



284 RACEBROOK RD. TEL (203) 795 5631
ORANGE, CT 06477 FAX (203) 799 3811

Sheet Title:

PROPOSED ELEVATIONS

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDRG-DR)

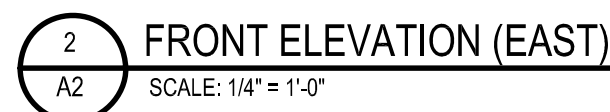
Date: 12-01-15

Job Number: 2243

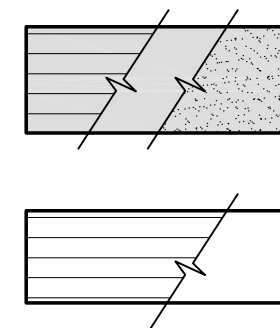
Drawn By: J.V.L

Sheet Number:

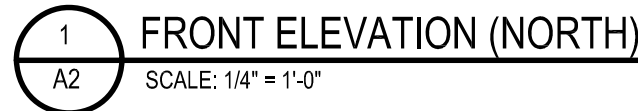
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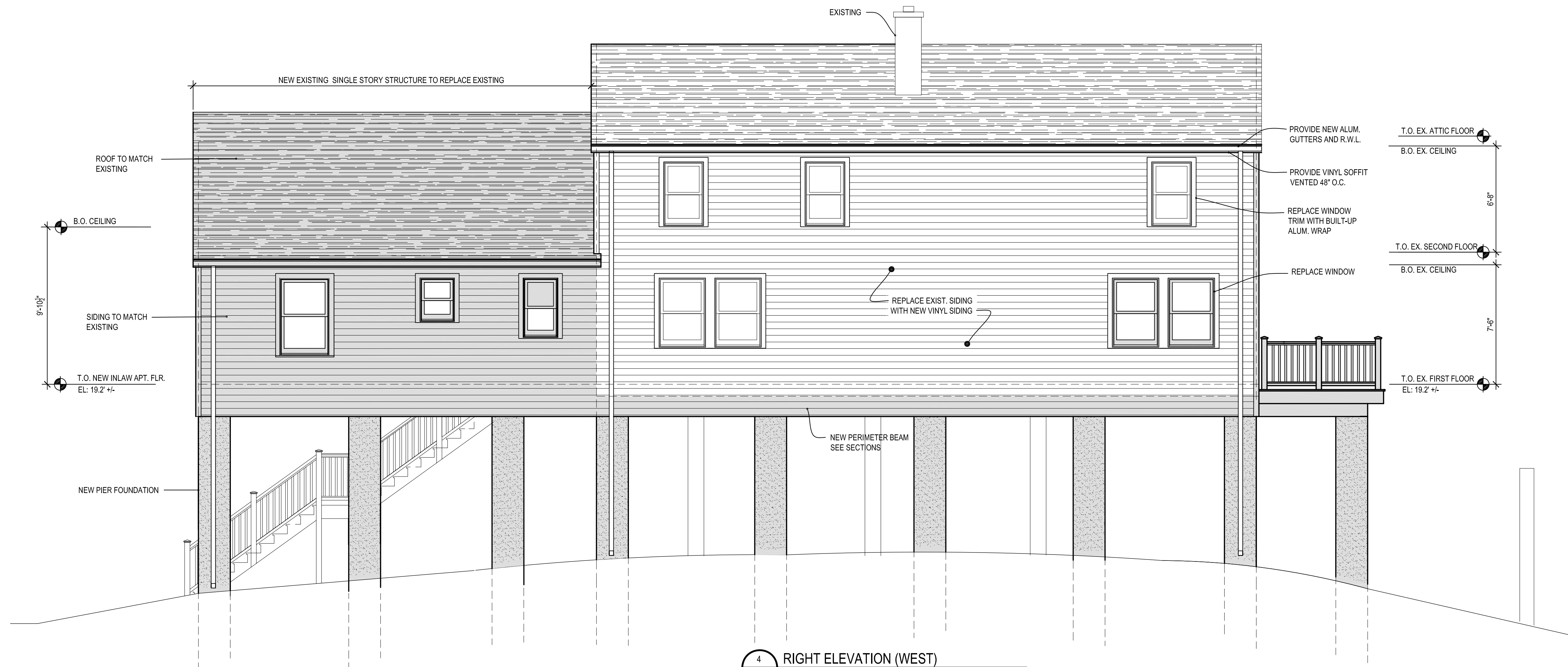


LEGEND

SHADING INDICATES
NEW CONSTRUCTION

EXISTING CONSTRUCTION
WITH NEW MATERIALS
ONLY AS NOTED - SEE
ELEVATIONS

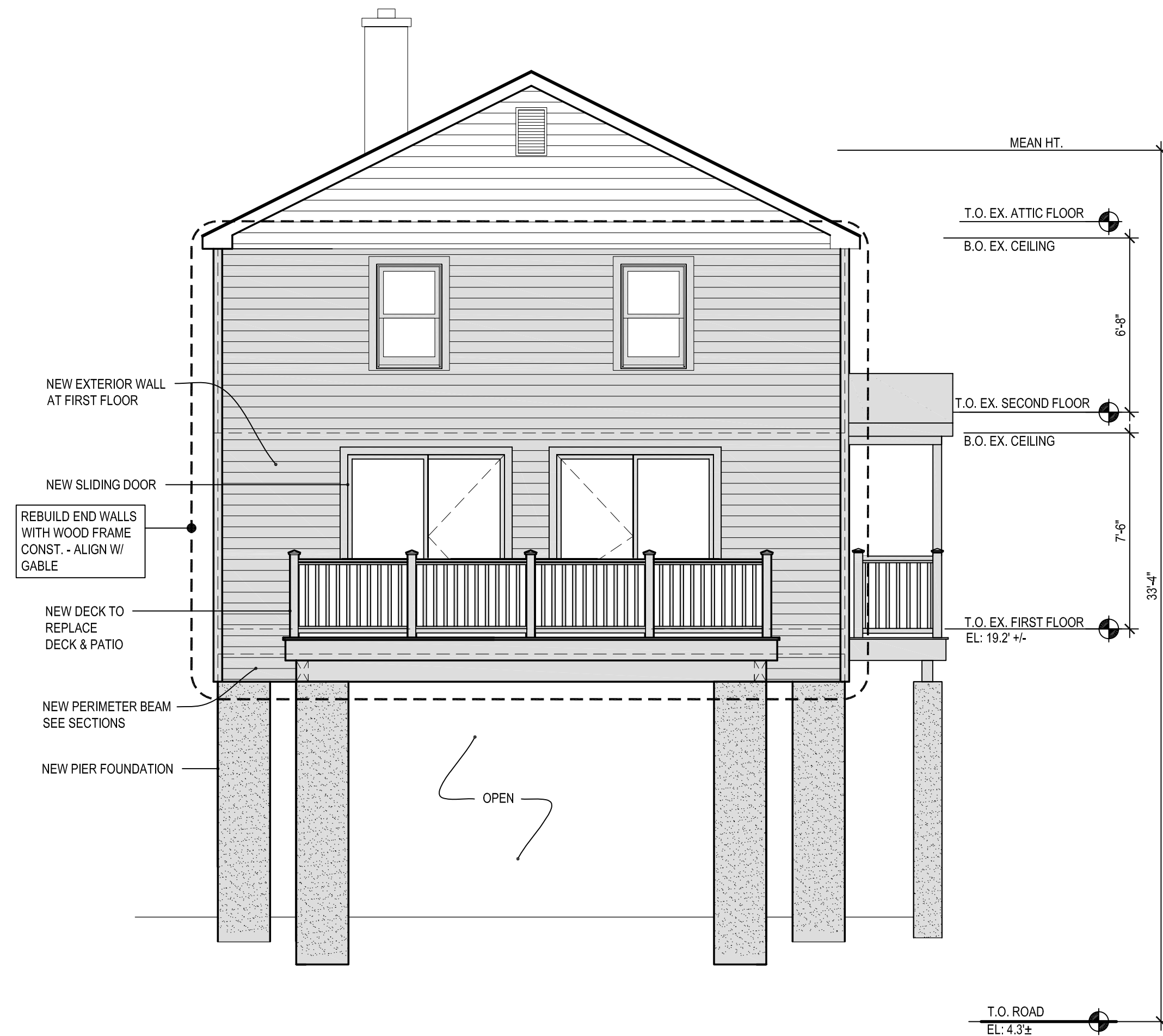




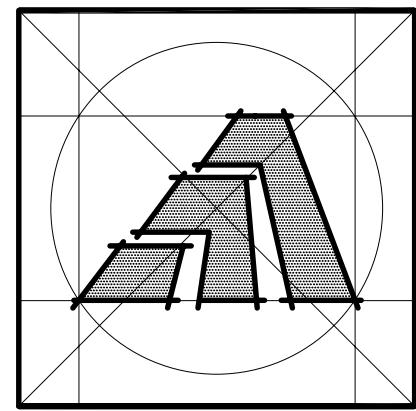
4 RIGHT ELEVATION (WEST)
A2.1 SCALE: 1/4" = 1'-0"

LEGEND

- SHADING INDICATES NEW CONSTRUCTION
- EXISTING CONSTRUCTION WITH NEW MATERIALS ONLY AS NOTED - SEE ELEVATIONS



3 REAR ELEVATION (SOUTH)
A2.1 SCALE: 1/4" = 1'-0"



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Sheet Title:
PROPOSED ELEVATIONS

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

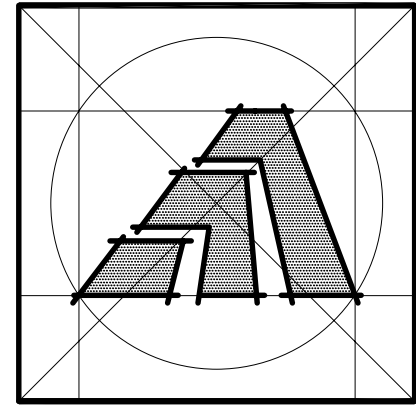
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

Sheet Number:

A2.1



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Sheet Title:
SECTIONS & DETAILS

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

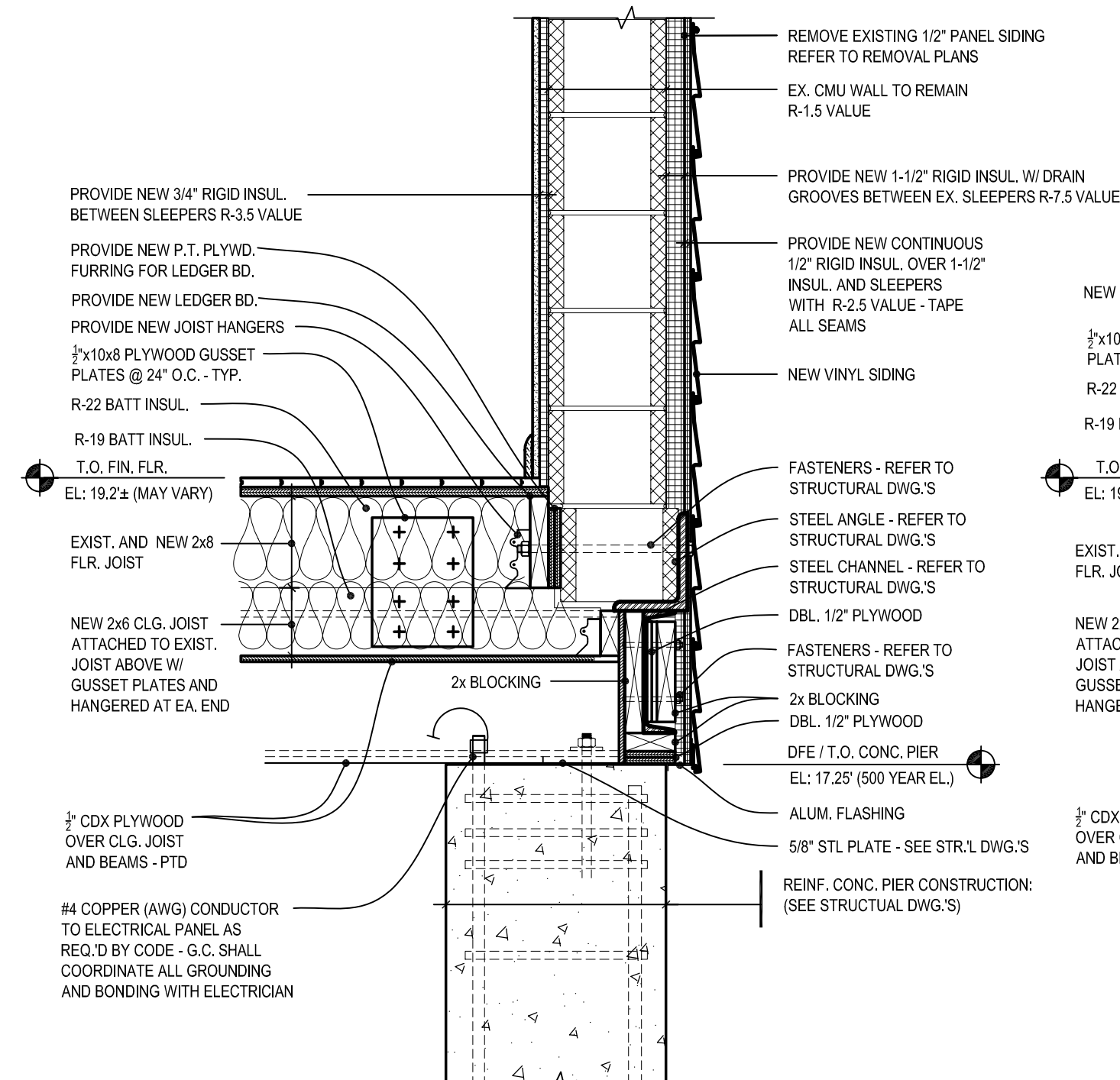
Date: 12-01-15

Job Number: 2243

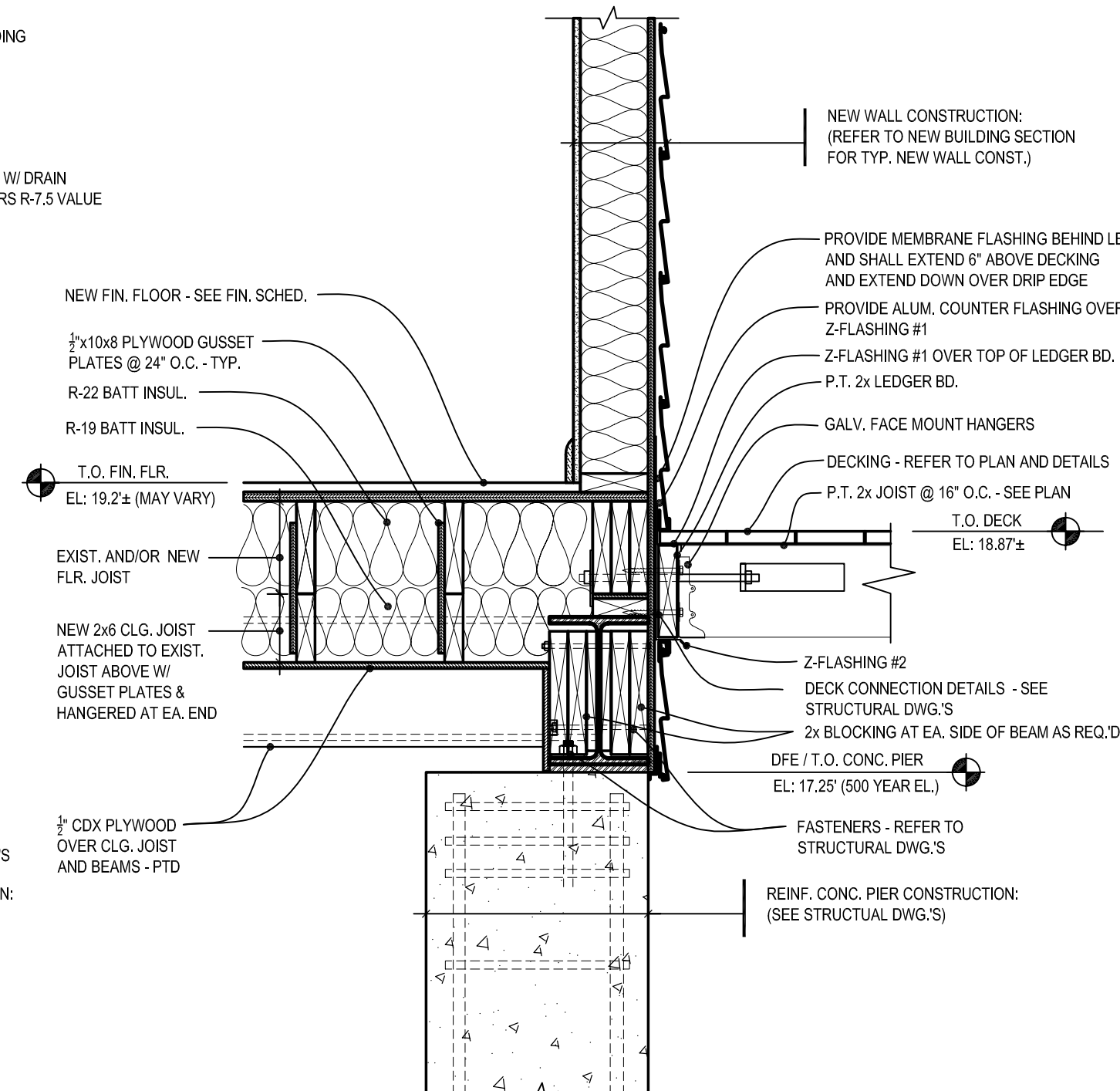
Drawn By: J.V.L.

Sheet Number:

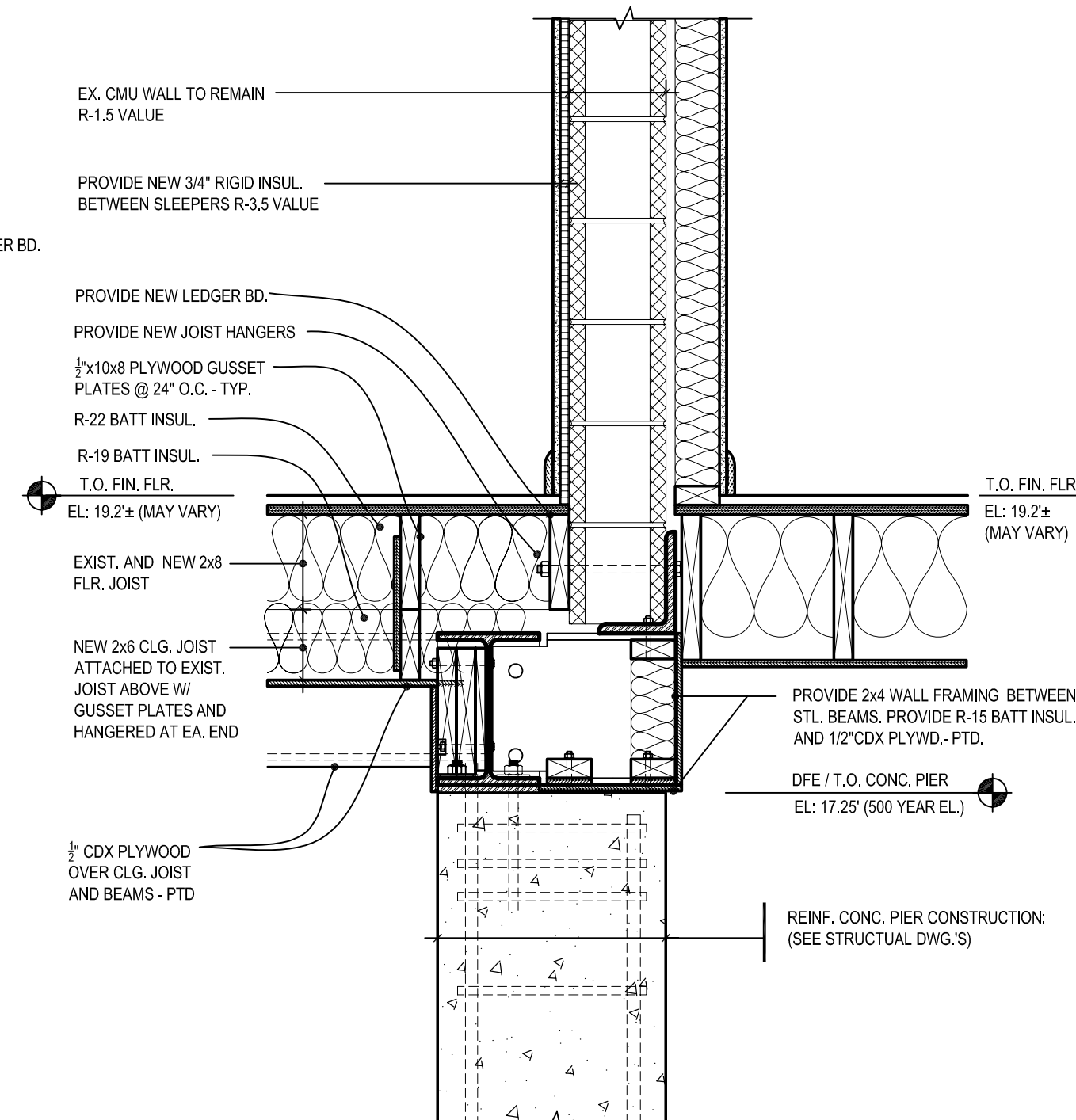
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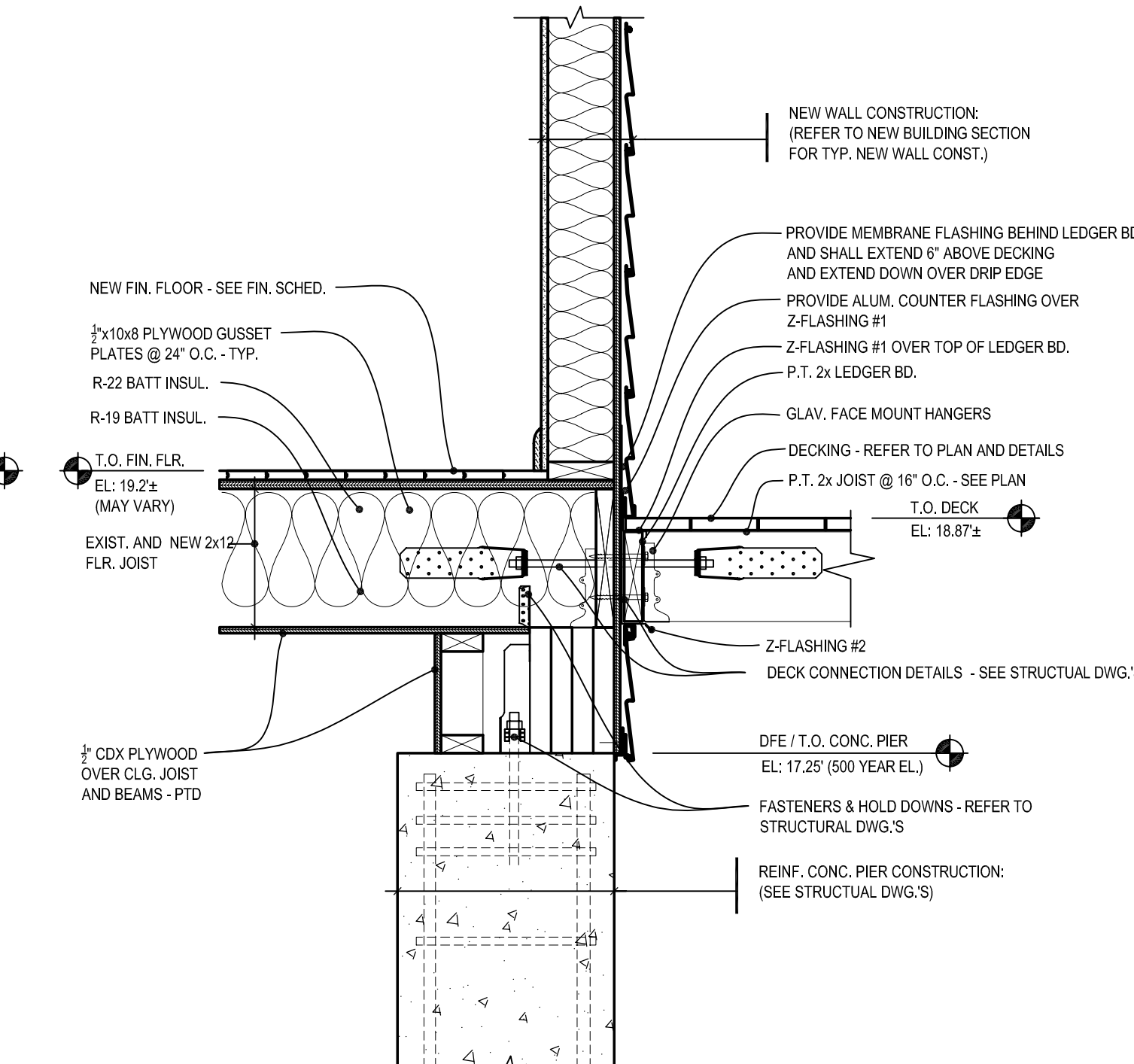
1 TYPICAL DETAIL
SCALE: 1" = 1'-0"



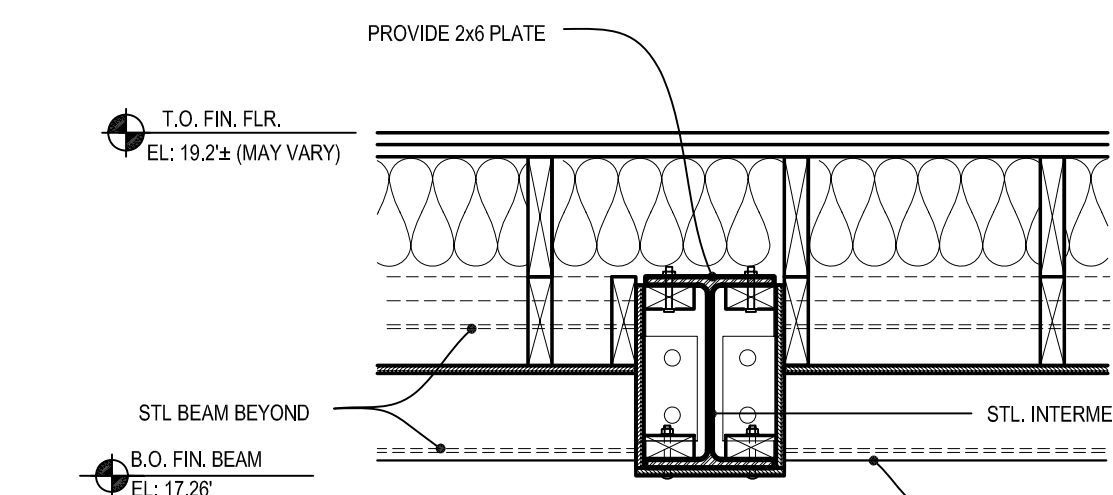
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SCALE: 1" = 1'-0"



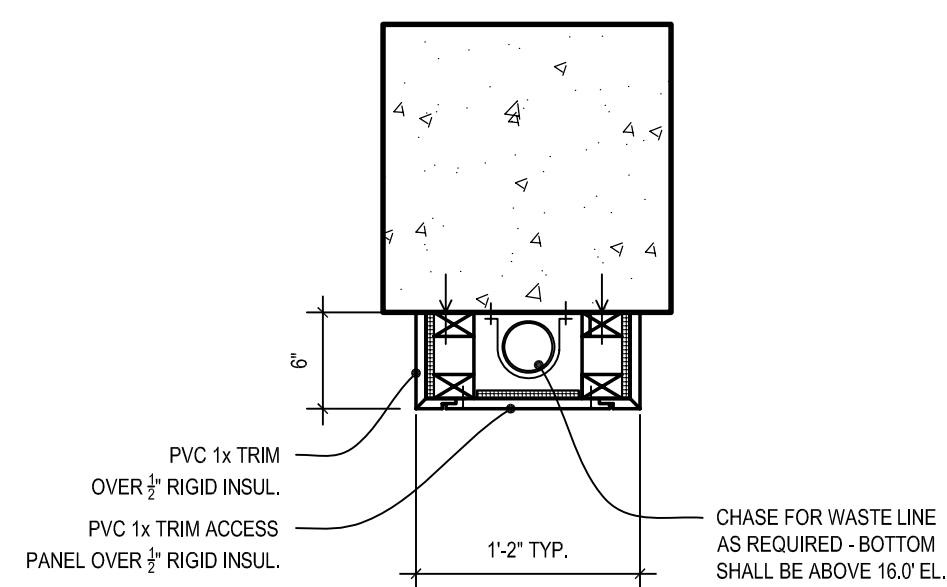
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SCALE: 1" = 1'-0"



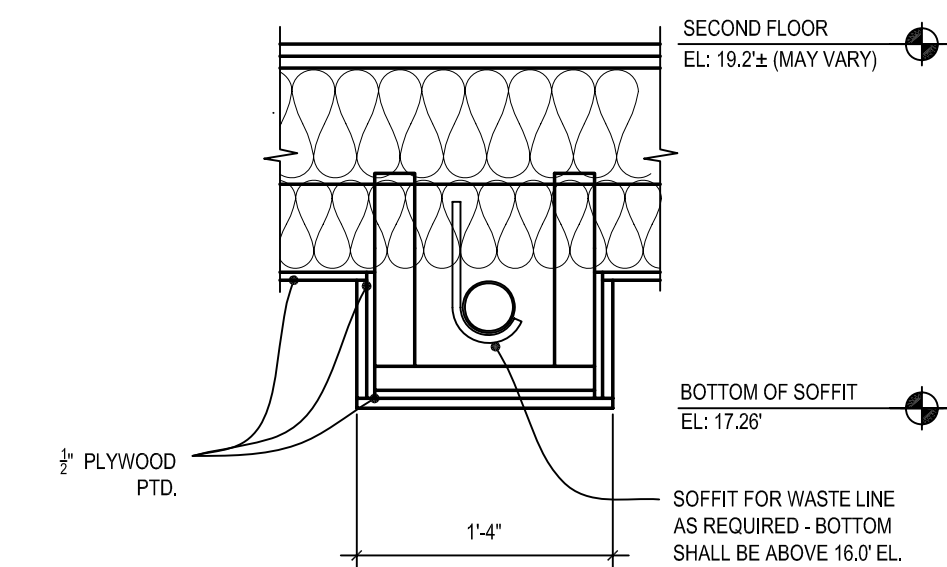
4 TYPICAL DETAIL
SCALE: 1" = 1'-0"



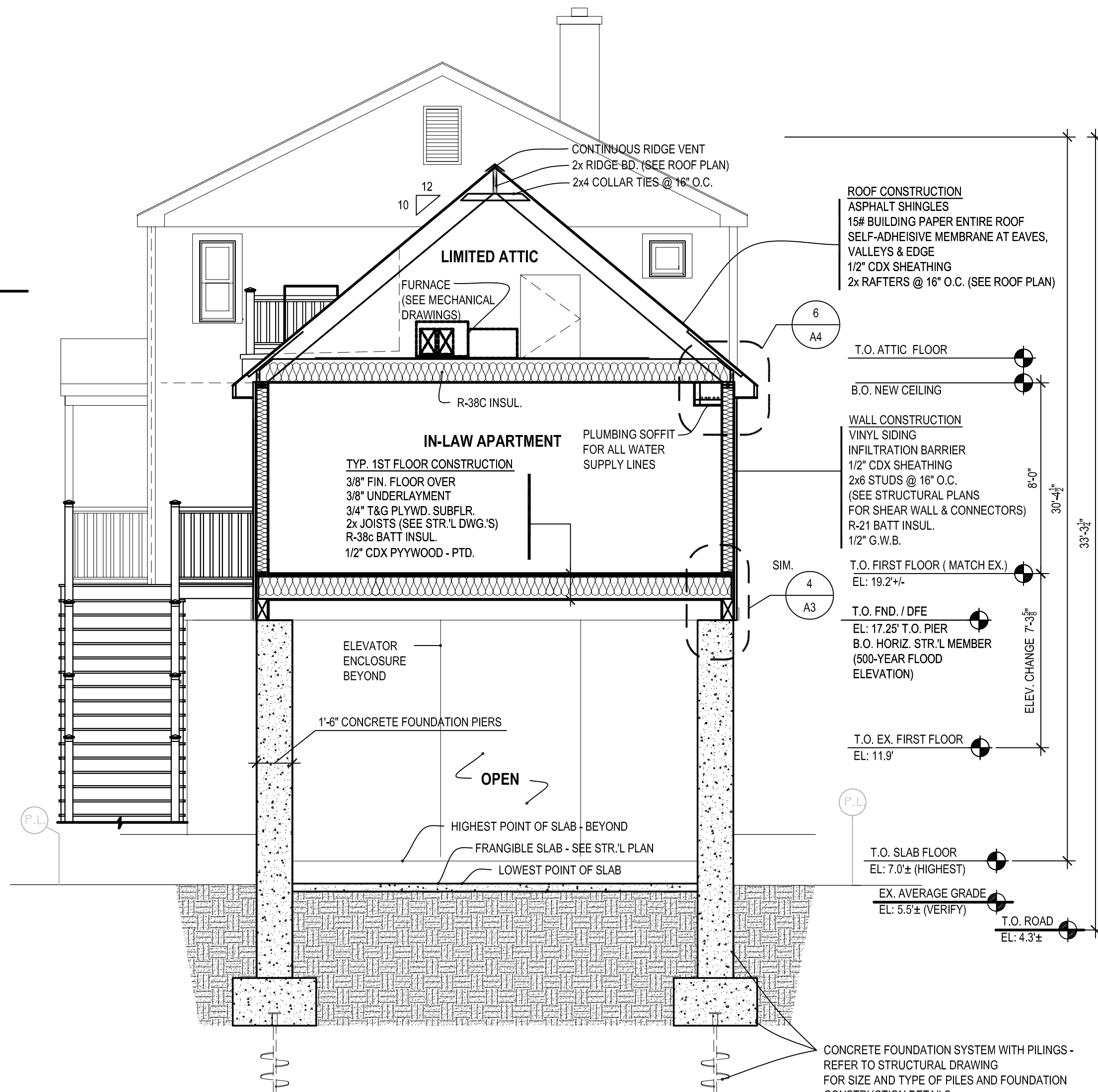
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SCALE: 1" = 1'-0"



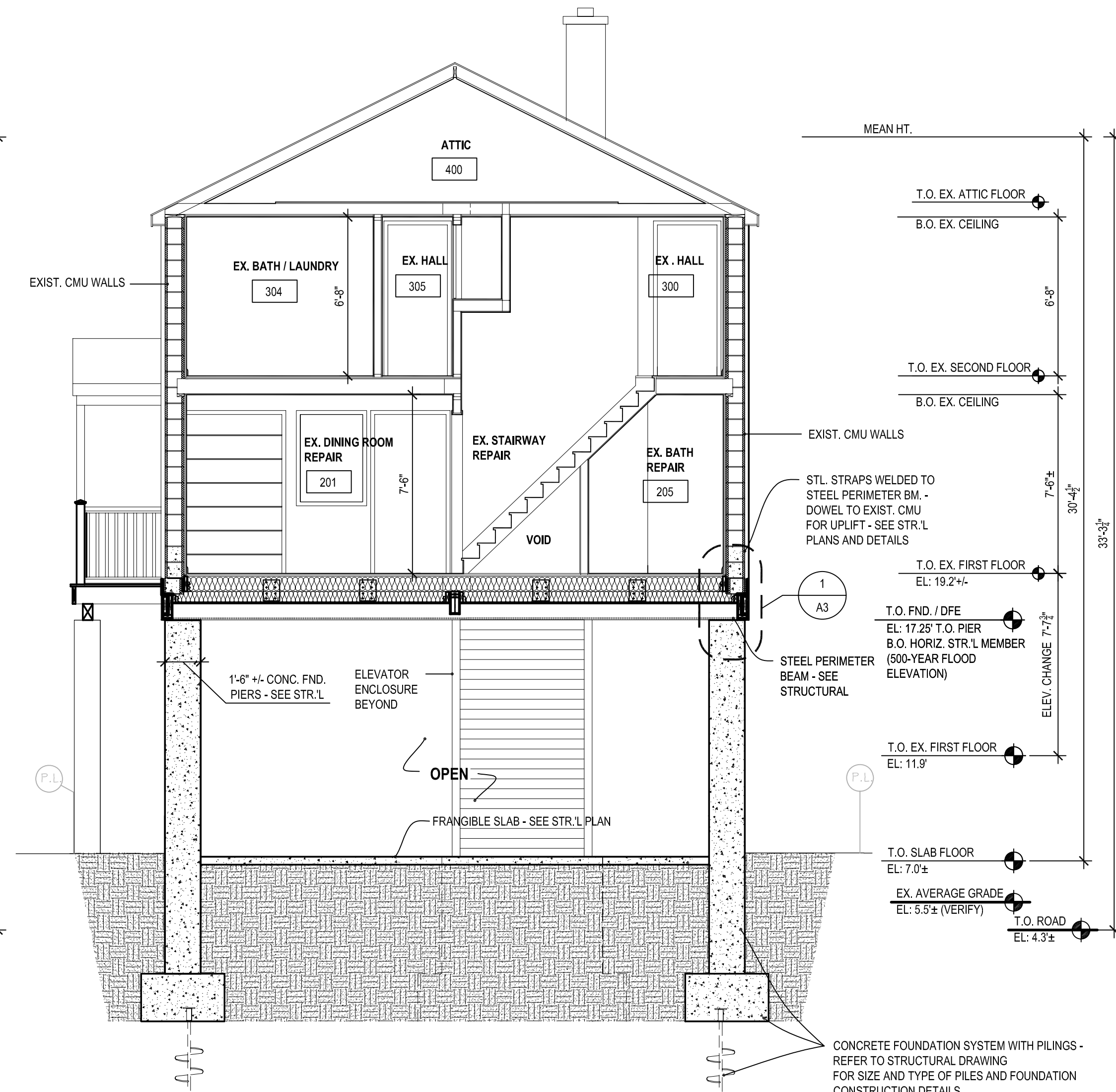
5 TYPICAL PLUMBING CHASE DETAIL
SCALE: 1" = 1'-0"



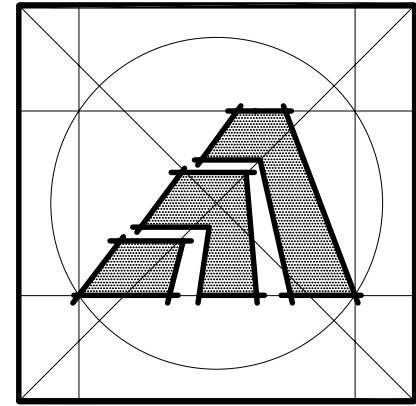
6 TYPICAL PLUMBING SOFFIT DETAIL
SCALE: 1" = 1'-0"



2 PROPOSED BUILDING SECTION
SCALE: 1/4" = 1'-0"



1 BUILDING SECTION
SCALE: 1/4" = 1'-0"



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Sheet Title:
SECTIONS & DETAILS

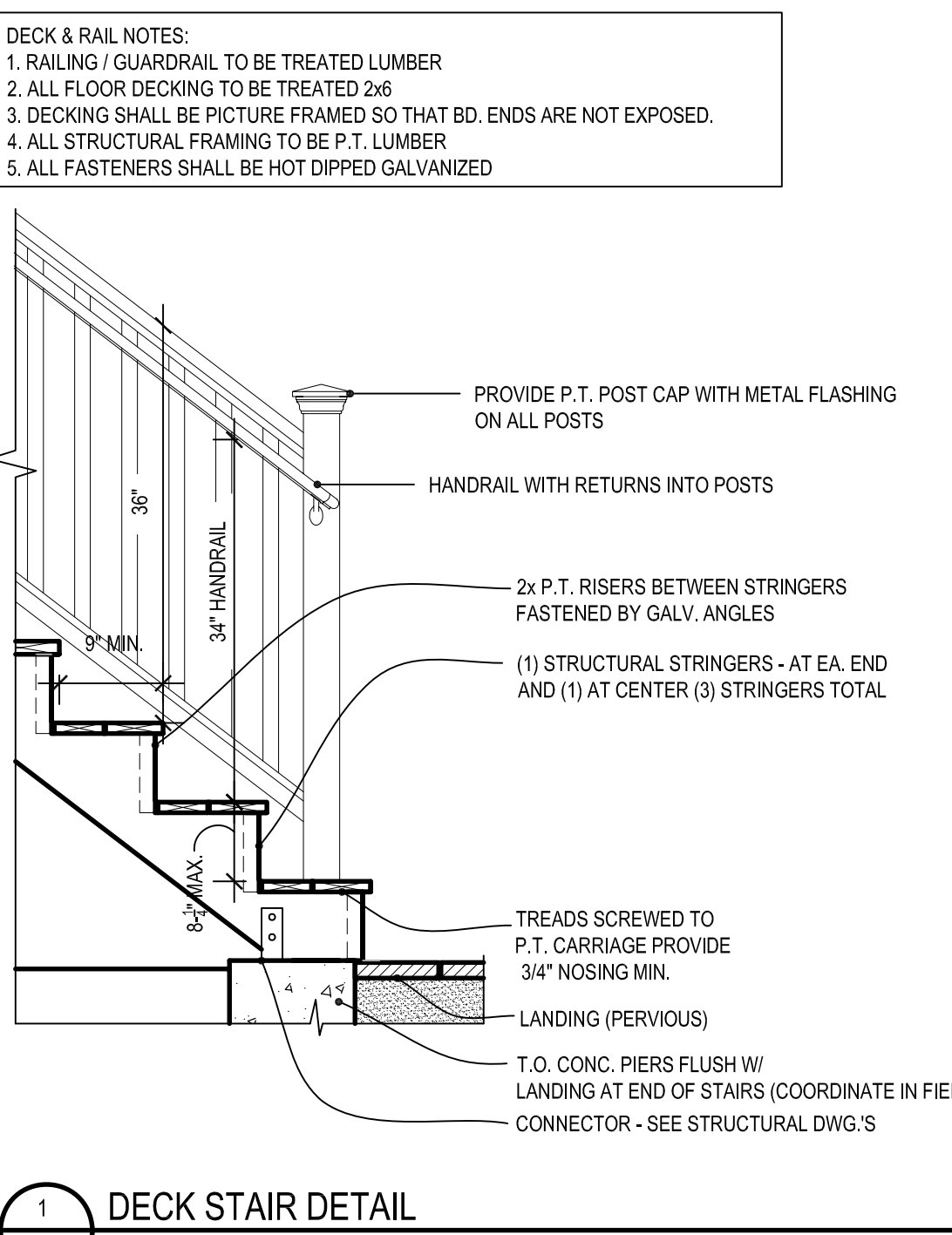
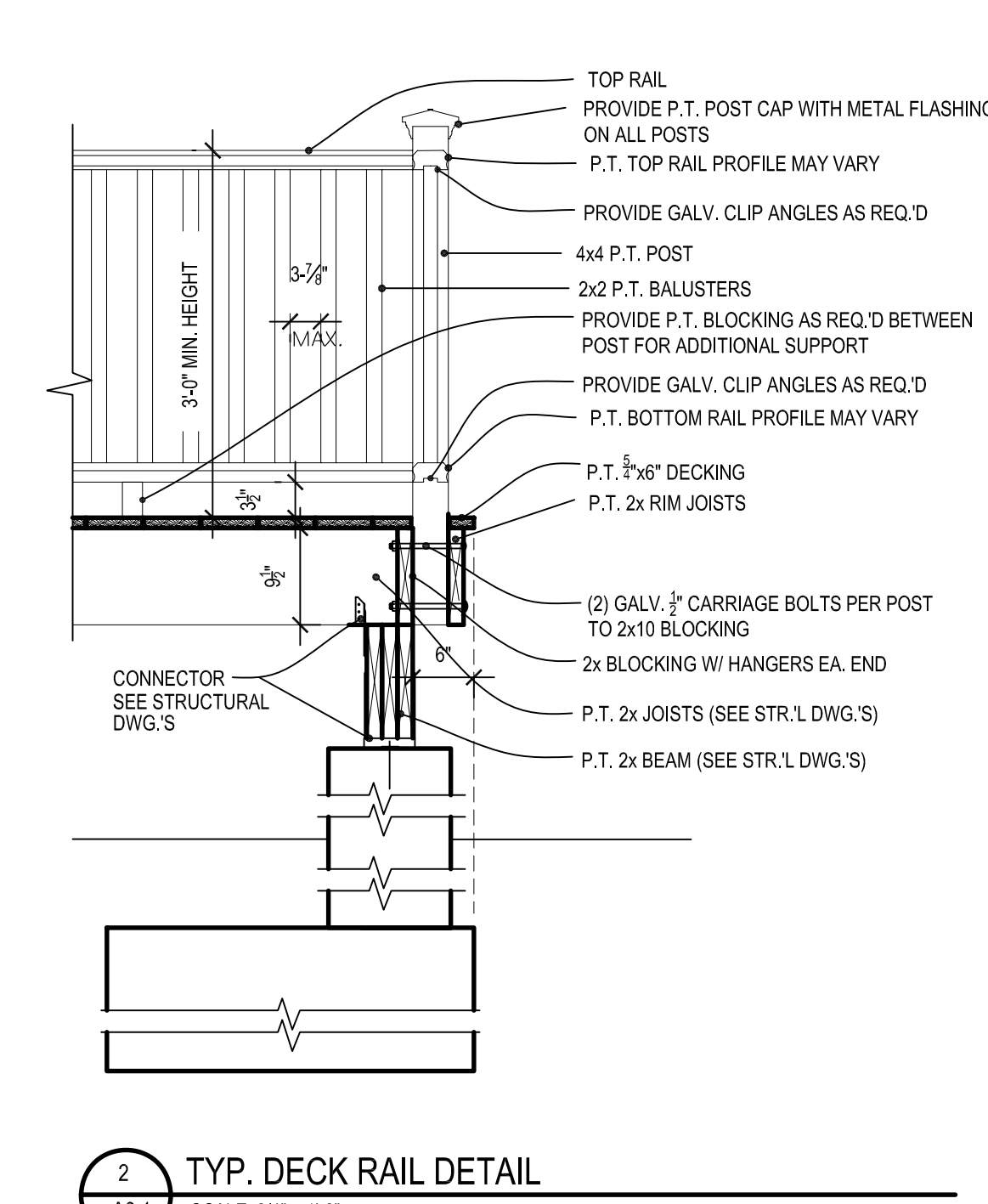
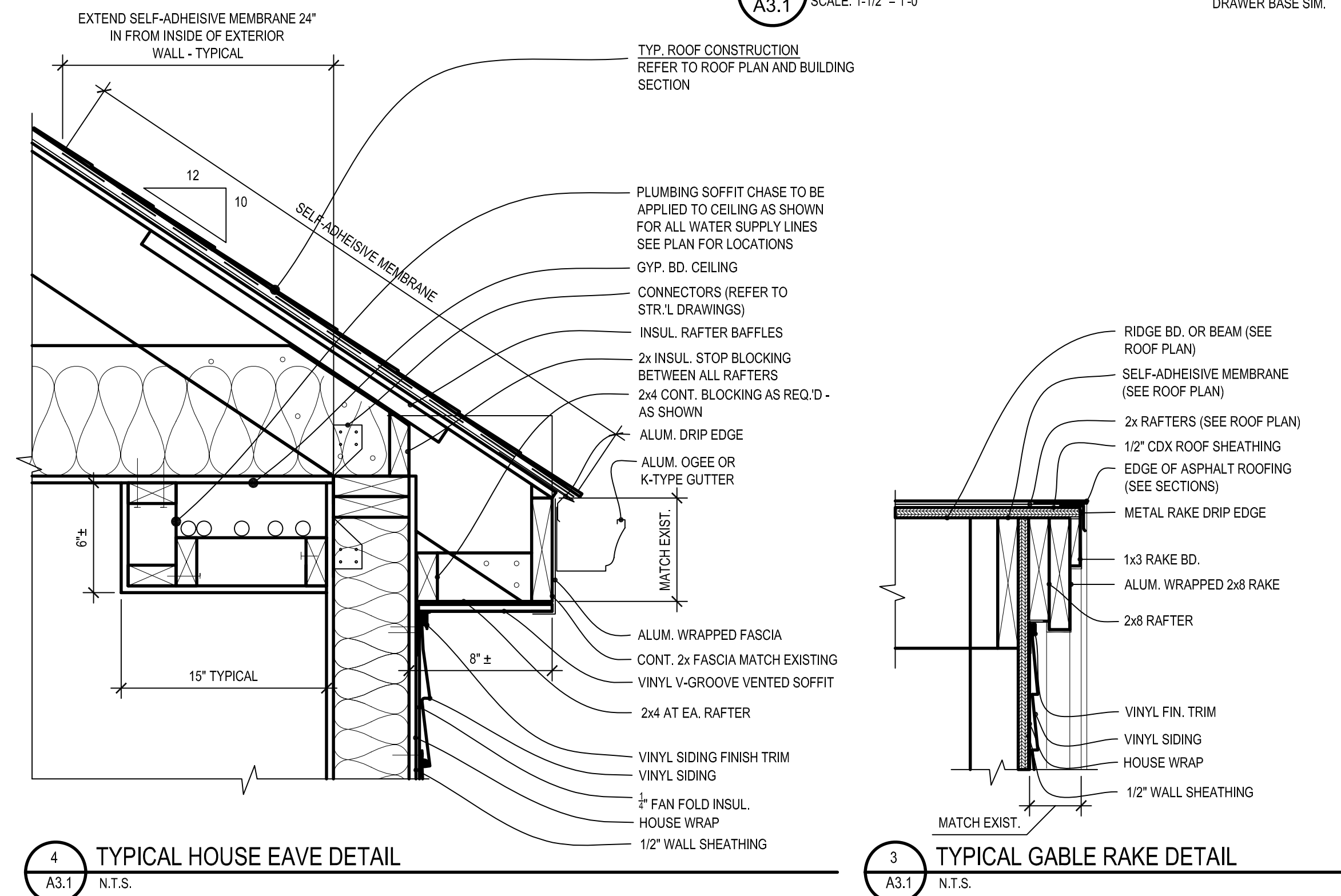
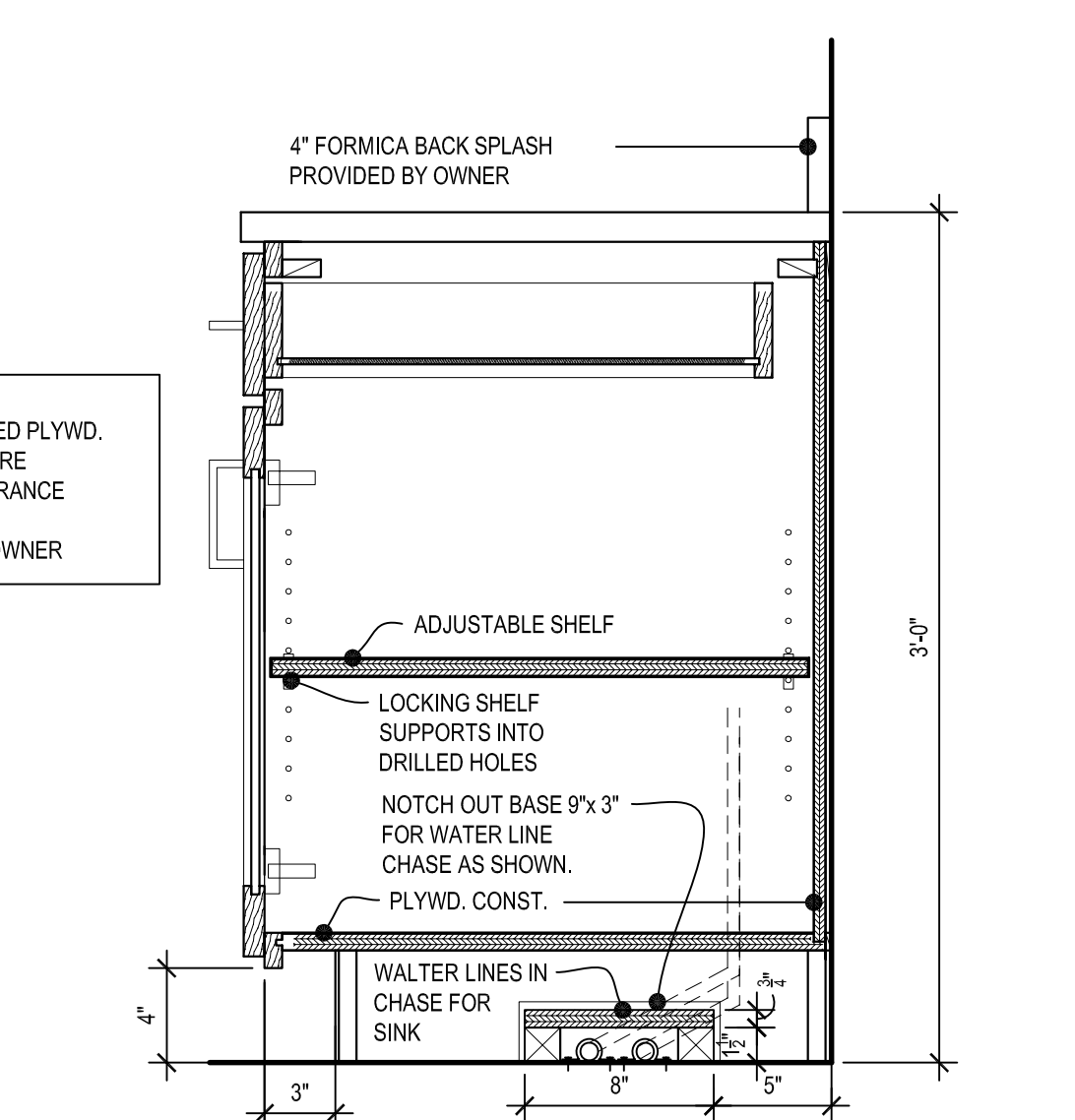
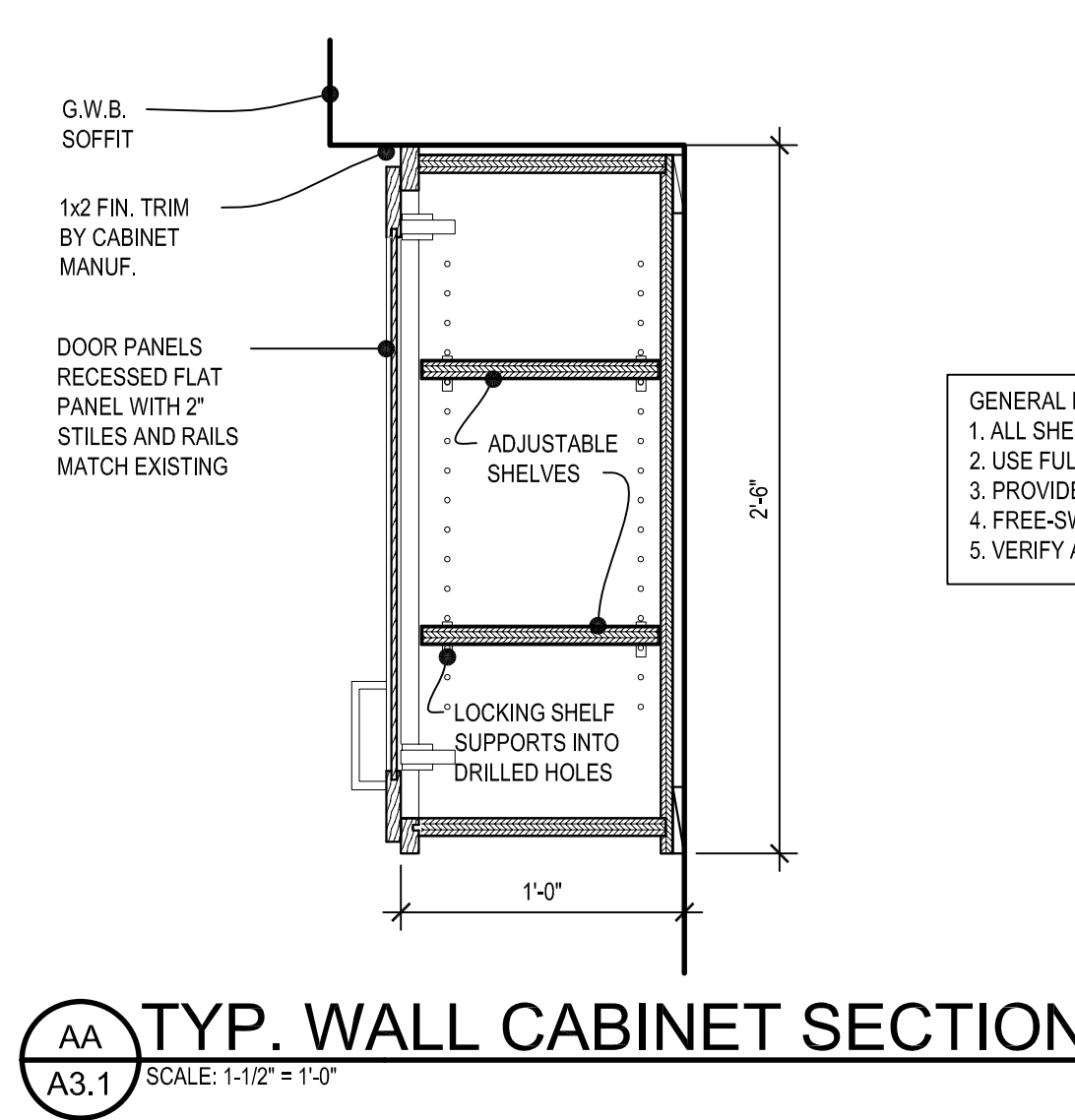
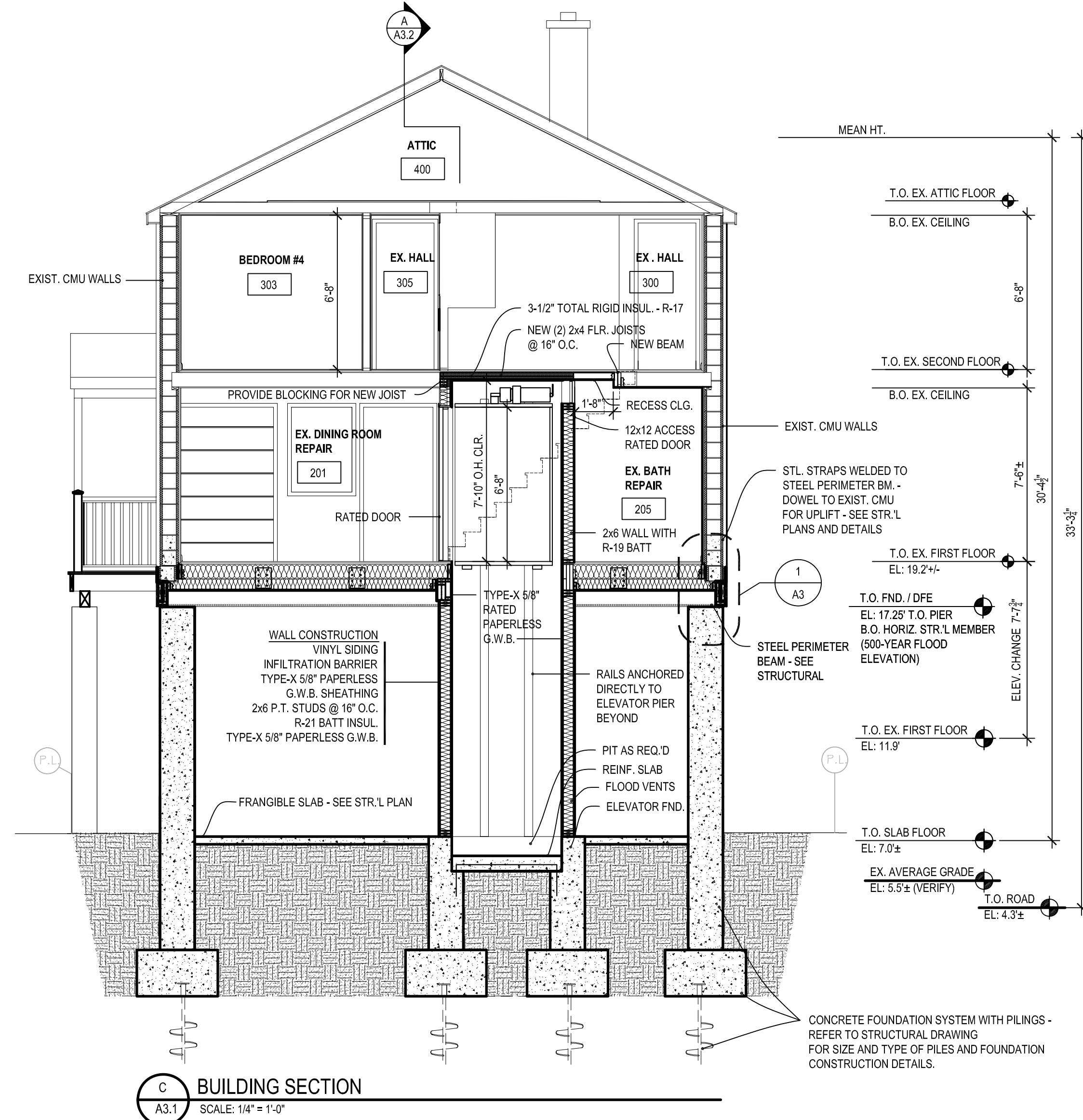
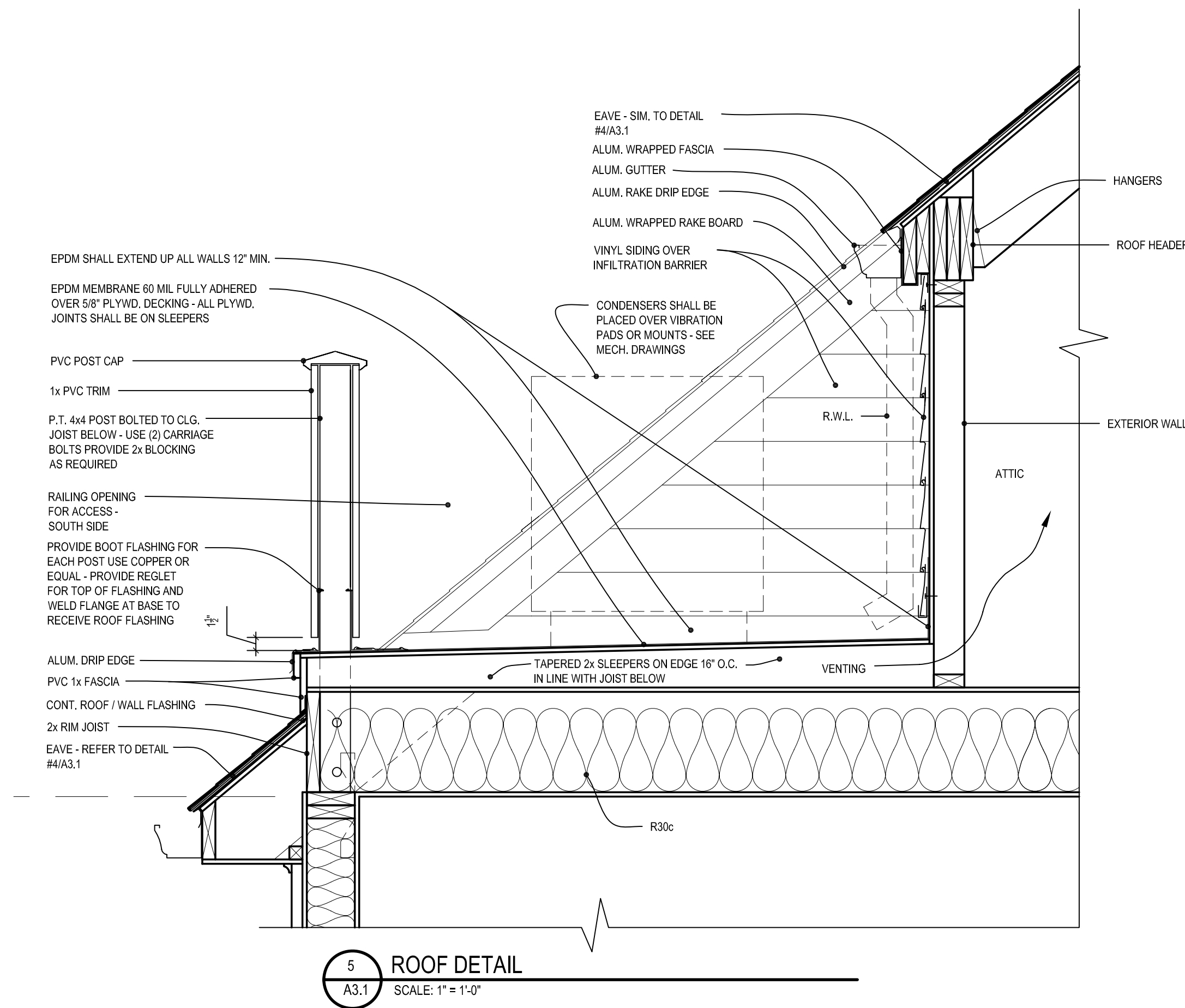
APPLICATION #2243
ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

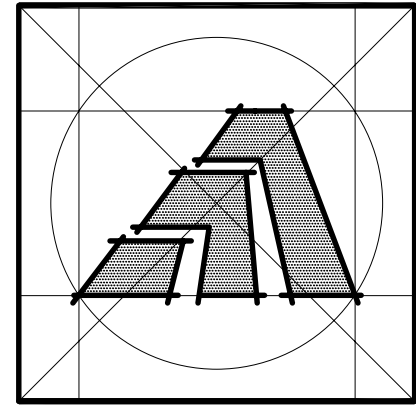
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number: 2243
Drawn By: J.V.L.

Sheet Number:
A3.1





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284 RACEBROOK RD.
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TEL (203) 795 5656
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Sheet Title:
SECTION

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

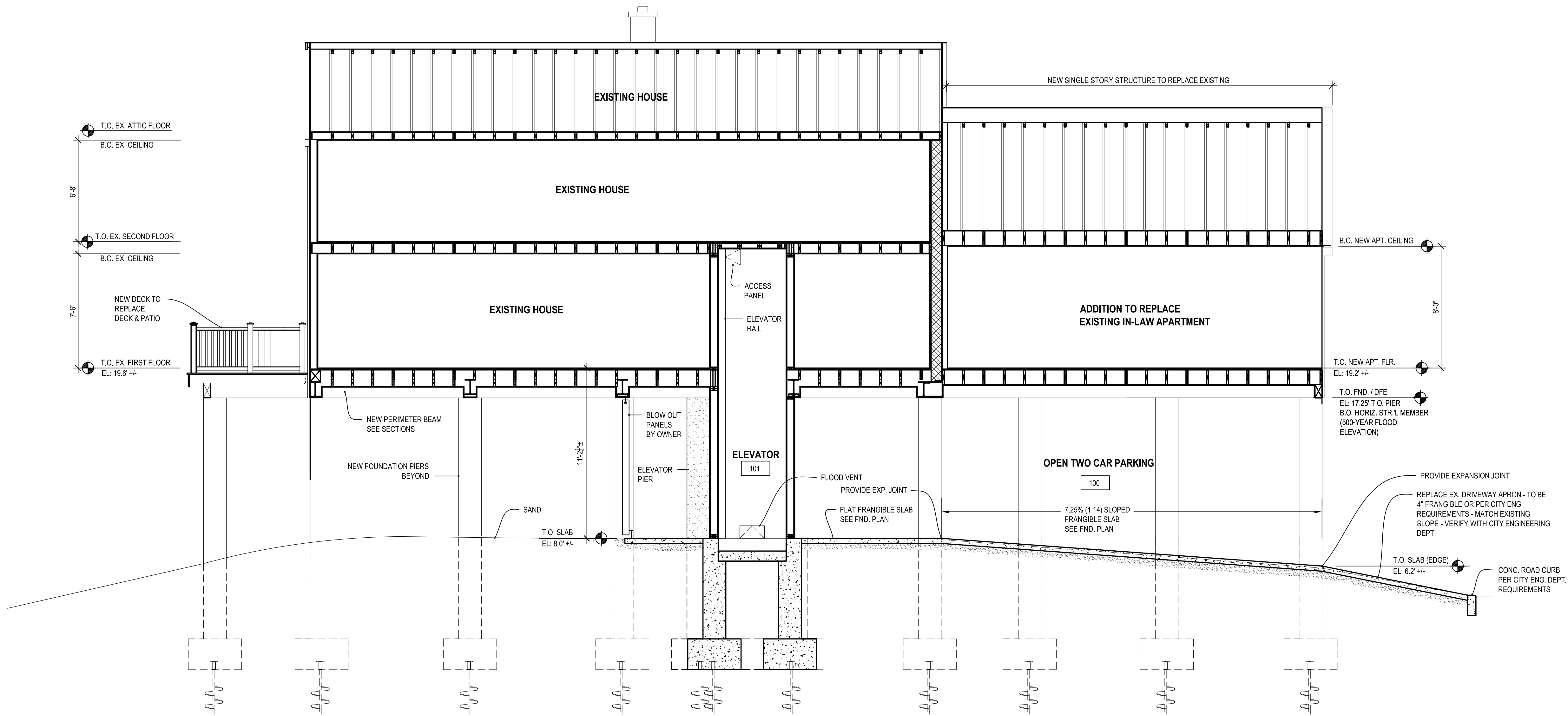
Date: 12-01-15

Job Number: 2243

Drawn By: J.V.L.

Sheet Number:

A3.2



A
A3.2 BUILDING SECTION
SCALE: 1/4" = 1'-0"

FINISH SCHEDULE

REV.#		NUM.	ROOM NAME	FLOOR	BASE										NORTH WALL										EAST WALL										SOUTH WALL										WEST WALL										CEILING HEIGHT		CEILING		REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					SUBSTRATE	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR		MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH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WINDOW SCHEDULE

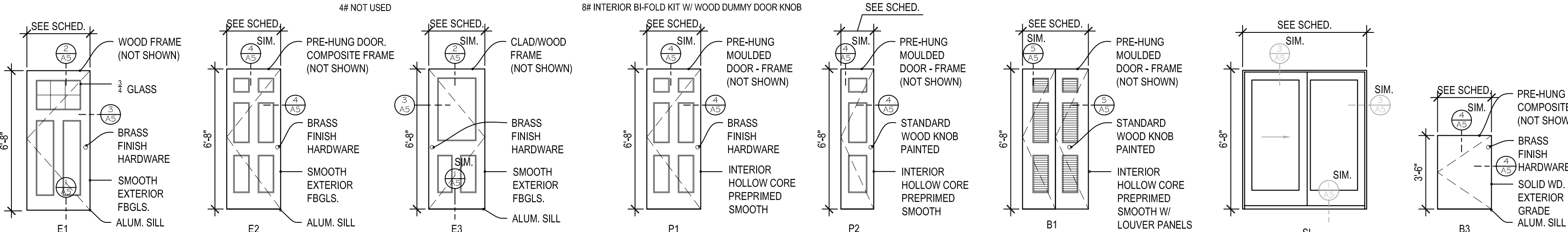
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	B	12'3'-2"x4'-3"			1	D.H. 6/A4 7/A4 5/A4	
	C	12'-2"x4'-0"			1	D.H. 6/A4 7/A4 5/A4	
	D	2'-2"x4'-0"			1	D.H. 6/A4 7/A4 5/A4	
	E	1'-8"x1'-3"			2	D.H. - - -	
	F	1'-8"x1'-3"			1	AWN 6/A4 7/A4 5/A4	

ALL WINDOWS AND EXTERIOR DOORS SHALL HAVE VINYL OR ALUM. CLAD EXT. WITH PAINTED WOOD INTERIOR - ALL WINDOWS SHALL BE 0.31 U-FACTOR BETTER AND MIN. DP 50 RATING.
ALL DBL. HUNGS SHALL BE TILT-WASH AND ALL WINDOWS AND DOORS SHALL HAVE DESIGN PRESSURE 50 (DP50).
PROVIDE SCREENS AND HARDWARE
ALL SOLID INSULATED EXTERIOR DOORS ARE TO BE SMOOTH FIBERGLASS UNLESS NOTED OTHERWISE
VERIFY PRIOR TO ORDERING UNITS.

DOOR SCHEDULE

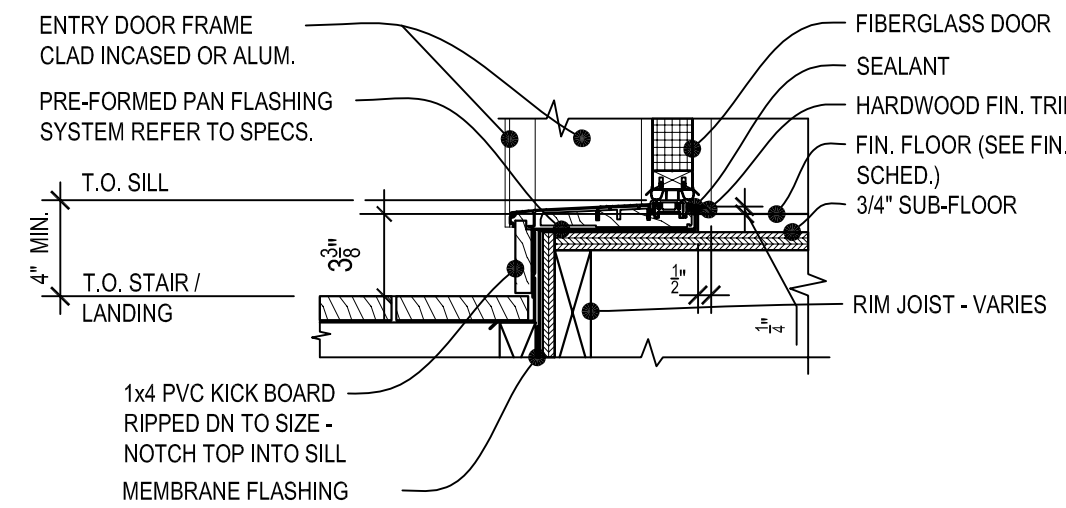
ABBREVIATIONS:														EXTERIOR DOORS ABOVE DFE BASED ON THERMA TRU "SMOOTH-STAR" EXTERIOR DOORS BELOW DFE BASED ON PLASTPRO OR SIMILAR PERFORMANCE NOTE: EXTERIOR DOORS SHALL BE 0.31 U-FACTOR BETTER AND MIN. DP 50 RATING PROVIDE IMPACT RESISTANT GLASS AS REQ'D									
CMT - COMPOSITE ALUM. - ALUMINUM WD - WOOD MTL - METAL STD - STANDARD										FGLS - FIBERGLASS PTD - PAINTED INT - INTERIOR EXT - EXTERIOR													
REV.#	DR. NUM.	ROOM NUMBER	DOOR SIZE OR UNIT NUMBER (WIDTH x HEIGHT)	TYPE	MAT'L	FINISH	FRAME	HEAD	JAMB	DETAILS	LABEL	HARDWARE	REMARKS										
	100		3'-0" x 8'-8" (SINGLE DOOR)	E2	FGLS	STD	-	CMTST	PTD	2/A4 3/A4 6/A4	1	20 MIN FIRE RATED DR. & JAMB W/ SELF CLOSING HINGE											
	200		3'-0"x 8'-8" (SINGLE DOOR)	E1	FGLS	STD	-	WD	PTD	2/A4 3/A4 1/A4	1	EGRESS DOOR											
	200.1		8'-0" x 6'-8" (SLIDING DOOR)	SL	CLAD	STD	-	WD	CLAD	-	6	REFER TO DOOR DETAILS FOR TYP. FLASHING											
	200.2		8'-0" x 8'-8" (SLIDING DOOR)	SL	CLAD	STD	-	WD	CLAD	-	1	REFER TO DOOR DETAILS FOR TYP. FLASHING											
	202		3'-0" x 8'-8" (SINGLE DOOR)	E2	FGLS	STD	-	CMTST	PTD	2/A4 3/A4 1/A4	1	20 MIN FIRE RATED DR. & JAMB W/ SELF CLOSING HINGE											
	202.1		2'-5" x 6'-8" (SINGLE DOOR)	E2	FGLS	STD	-	CMTST	PTD	2/A4 3/A4 1/A4	1												
	204.1		2'-8" x 8'-8" (SINGLE DOOR)	P1	WD	PTD	-	WD	PTD	4/A4 4/A4	-	5											
	204.2		3'-0" x 8'-8" (BIFOLD DOOR)	B1	WD	PTD	-	WD	PTD	5/A4 5/A4	-	8											
	206		2'-5" x 6'-8" (SINGLE DOOR)	P1	WD	PTD	-	WD	PTD	4/A4 4/A4	-	5											
	206		3'-0" x 8'-8" (SINGLE DOOR)	E3	FGLS	STD	-	WD	PTD	2/A4 3/A4 1/A4	1												
	207		3'-0" x 8'-8" (SINGLE DOOR)	E2	FGLS	STD	-	CMTST	PTD	2/A4 3/A4 1/A4	1												
	207.1		2'-5" x 6'-8" (BIFOLD DOOR)	B1	WD	PTD	-	WD	PTD	5/A4 5/A4	-	8											
	208		2'-8" x 8'-8" (SINGLE DOOR)	P1	WD	PTD	-	WD	PTD	4/A4 4/A4	-	5											
	209		2'-5" x 6'-8" (BIFOLD DOOR)	B1	WD	PTD	-	WD	PTD	5/A4 5/A4	-	8											
	300		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	301		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	301.1		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	302		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	302.1		2'-8" x 3'-9" (SINGLE DOOR)	B3	WD	STAIN	-	WD	STAIN	2/A4 3/A4	-	1											
	304		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	305		V.I.F. (MATCH EXISTING)	P1	WD	STAIN	-	WD	STAIN	-	-	5											
	306		V.I.F. (MATCH EXISTING DBL. BIFOLD)	B1	WD	STAIN	-	WD	STAIN	-	-	8											

*NOTE: DOOR SUPPLIER IS TO REVIEW ALL PLANS, ELEVATIONS & SCHEDULES
WINDOW & DOOR SUPPLIER IS TO PROVIDE ALL SPEC'S OF DOOR SPECIFICATIONS & FUNCTIONS WITH THE OWNER AND/OR GENERAL CONTRACTOR
DOOR SUPPLIER IS TO PROVIDE SUBMITTALS FOR APPROVAL OF ALL SUPPLIED ITEMS BEFORE PLACING DOOR ORDER.



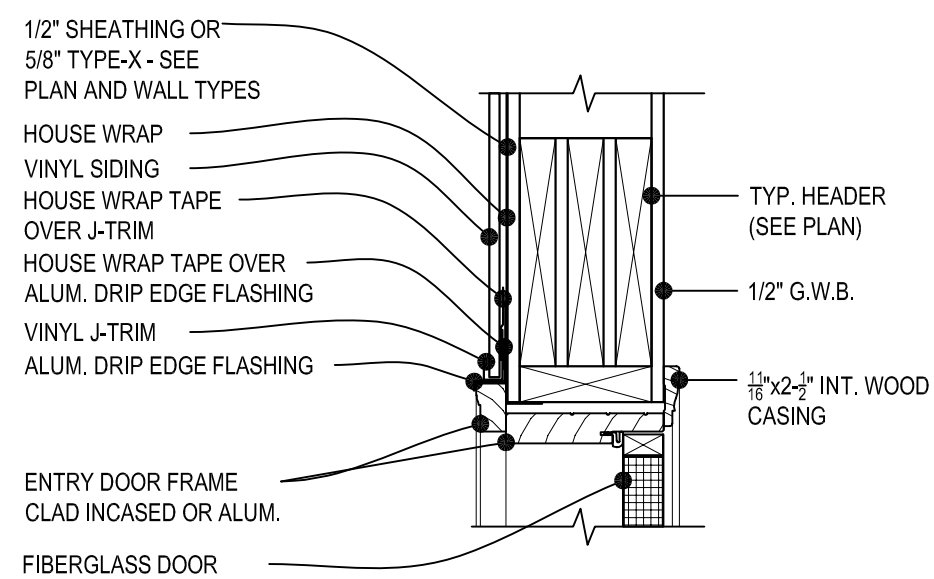
DOOR TYPES

SCALE: 1/4" = 1'-0"



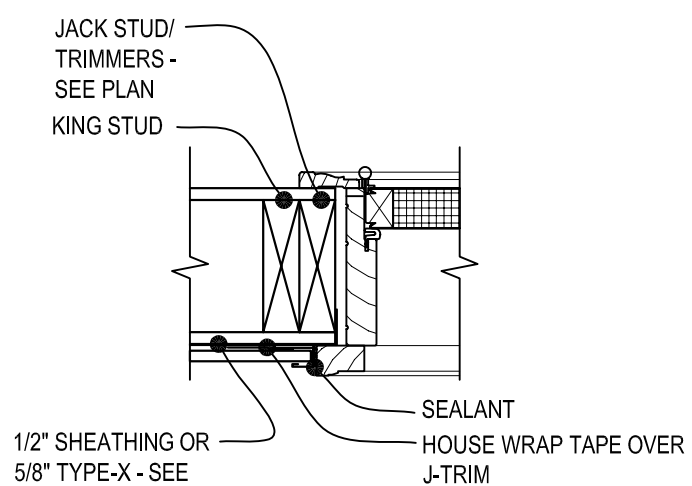
1 EXT. DOOR SILL DETAIL

A4 SCALE: 1-1/2" = 1'-0"



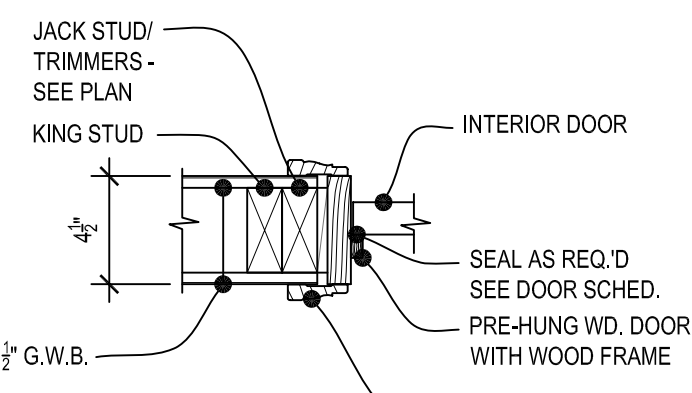
2 EXT. HEAD DETAIL

A4 SCALE: 1-1/2" = 1'-0"



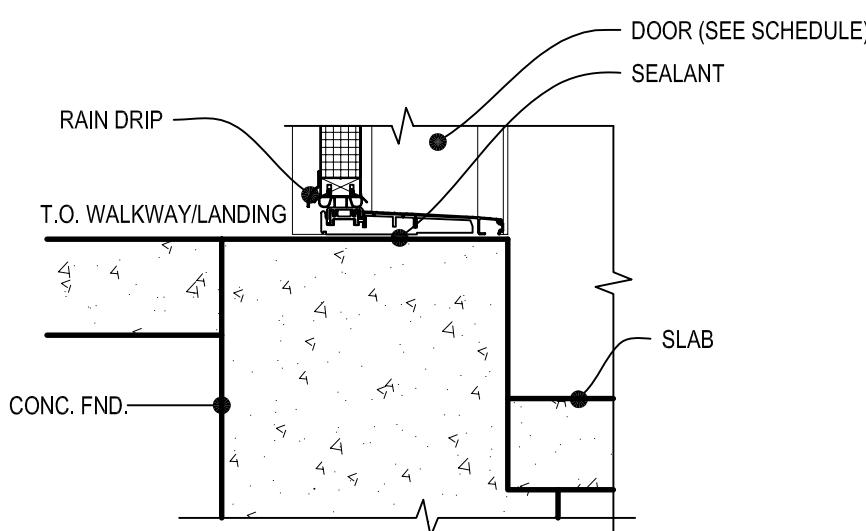
3 EXT. JAMB DETAIL

A4 SCALE: 1-1/2" = 1'-0"



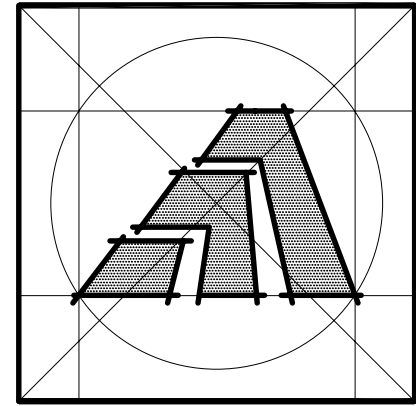
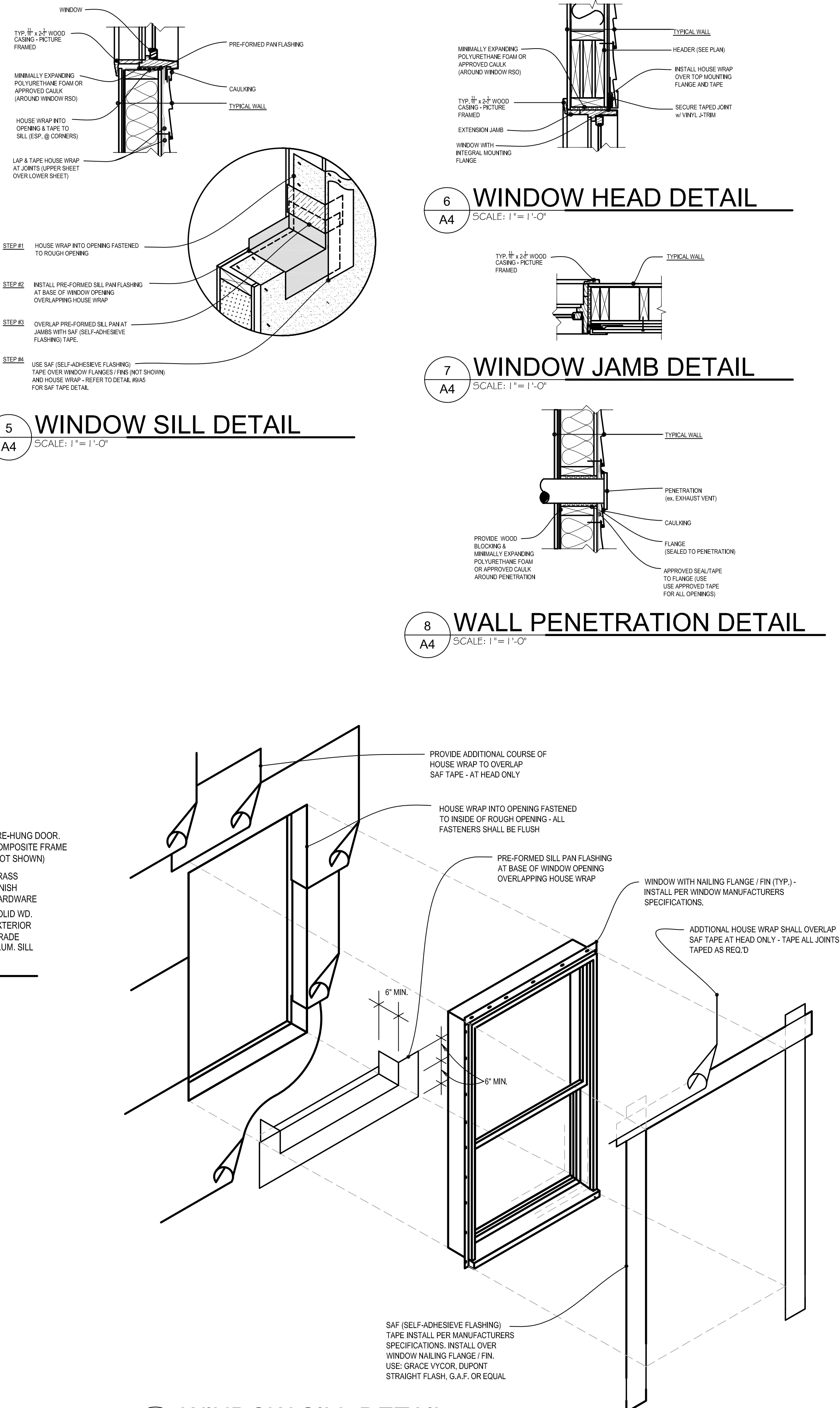
4 INT. JAMB DETAIL

A4 SCALE: 1-1/2" = 1'-0"



5 EXT. DOOR SILL DETAIL

A4 SCALE: 1-1/2" = 1'-0"



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Sheet Title:
SCHED. & DETAILS

APPLICATION #2243

ENGLANDER RESIDENCE
32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

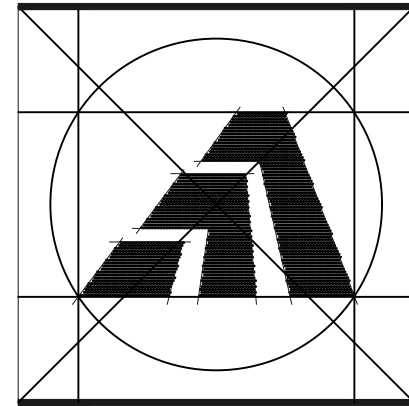
Date: 12-01-15

Job Number: 2243

Drawn By: J.V.L.

Sheet Number:

A4



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SMEP Consultant:



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An Employee Owned Company
email : info@loureiro.com
Comm No. 01MH421

Sheet Title:

STRUCTURAL DETAILS

APPLICATION # 2243

ENGLAND RESIDENCE

32 Field Court
Milford, Connecticut 06460

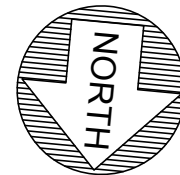
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:
Drawn By: JRO
Approved By: EGS

Sheet Number:

S-1



ROUGH CARPENTRY

- WOOD FRAMING SHALL CONFORM TO AND BE ERECTED IN ACCORDANCE WITH THE LATEST RECOMMENDATIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION AND THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
- ALL WOOD FRAMING IN CONTACT WITH CONCRETE, MASONRY AND/OR SUBJECT TO EXTERIOR EXPOSURE SHALL BE ACQ PRESERVATIVE TREATED IN ACCORDANCE WITH AWPA STANDARDS C2.
- JOIST HANGERS, FRAMING ANGLES AND CLIPS SHALL BE EQUAL TO THOSE MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY.
- FRAMING MEMBERS SHALL BE SECURELY FASTENED TOGETHER AND TO SUPPORTING CONSTRUCTION; NAILED, SPIKED, LAG SCREWED OR BOLTED AS REQUIRED.
- ALL WOOD FRAMING EXPOSED TO WEATHER, IN CONTACT WITH THE GROUND OR IN AREAS WITH HIGH RELATIVE HUMIDITY; PROVIDE FASTENERS AND ANCHORS WITH A HOT-DIP ZINC COATING (ASTM A153) AS REQUIRED.
- DOUBLE STUD WALL OPENINGS, DOOR AND WINDOW JAMBS. USE THREE STUDS AT CORNERS.
- ALL NAILED CONNECTIONS SHALL BE SECURED IN ACCORDANCE WITH STATE OF CONNECTICUT BASIC BUILDING CODE NAILING SCHEDULE.
- FOR BOLTED CONNECTIONS, DRILL HOLES 1/16" LARGER IN DIAMETER THAN THE BOLTS BEING USED. USE WASHERS UNDER ALL NUTS.
- FOR LAG-SCREWS AND WOOD SCREWS, PRE-BORE HOLES SAME DIAMETER AS ROOT OF THREADS; ENLARGE HOLES TO SHANK DIAMETER FOR LENGTH OF SHANK. SCREW, DO NOT DRIVE, ALL LAG SCREWS AND WOOD SCREWS.
- ROOF SHEATHING SHALL BE INSTALLED WITH LONG DIMENSION (FACE GRAIN) PERPENDICULAR TO SUPPORTING MEMBER AND ATTACHED WITH 8d COMMON NAILS AT 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORT. REDUCE INTERMEDIATE NAIL SPACING TO 6" O.C. WITHIN 8'-0" OF ROOF RIDGES, EAVES, HIPs AND GABLE ENDS. PROVIDE & INSTALL 20 GA. GALV SHEATHING CLIPS AT MID SPAN OF PLYWOOD SHEATHING BE SUPPORTING MEMBERS.
- WALL SHEATHING SHALL ATTACHED WITH 10d COMMON NAILS AT 6" O.C. AT PERIMETER & EDGES & ENDS, AND 12" O.C. AT INTERMEDIATE SUPPORTS.

SCHEDULE OF SPLICE LENGTH

BAR SIZE	COMPRESSION	TENSION (fc=4,000psi)			
		LAP SPLICE LENGTH			
		TOP BARS		OTHER BARS	
		CATEGORY SEE NOTE 1 BELOW	CATEGORY SEE NOTE 1 BELOW	CATEGORY SEE NOTE 1 BELOW	CATEGORY SEE NOTE 1 BELOW
	LAP SPLICE LENGTH	I	II	I	II
#3	12"	24"	36"	19"	28"
#4	15"	36"	48"	25"	37"
#5	19"	48"	60"	31"	46"
#6	23"	48"	72"	37"	56"
#7	27"	70"	105"	54"	81"
#8	30"	80"	120"	62"	92"
#9	34"	90"	136"	70"	104"
#10	39"	102"	153"	78"	117"
#11	43"	113"	170"	87"	130"
NOT USED ON DWG.	• LCS	• LTS & LTE			

"LCS" = LAP COMPRESSION SPLICE LENGTH
"LTS" = LAP TENSION SPLICE LENGTH
"LTE" = TENSION EMBEDMENT LENGTH

NOTES FOR SCHEDULES OF SPLICE LENGTH:

- THE SCHEDULES BELOW INCLUDES SPLICE LENGTHS WHICH SATISFY THE PROJECT REQUIREMENTS AND THE FOLLOWING CRITERIA.

fy=60,000psi
CONCRETE WEIGHT = 150lb/cu.ft.

TENSION SPLICE LENGTHS ARE DIVIDED INTO TWO CATEGORIES WHICH SHALL BE APPLIED AS FOLLOWS:

CATEGORY I; CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN db, CLEAR COVER NOT LESS THAN db, AND BEAM STIRRUPS OF COLUMN TIES THROUGHOUT Ld NOT LESS THAN THE CODE MINIMUM OR CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2db & CLEAR COVER NOT LESS THAN db.

CATEGORY II; BARS NOT COVERED BY CATEGORY I.

- USE COMPRESSION LAP SPLICE LENGTH (LCS) AT ALL COLUMN SPLICE LOCATIONS NOT SPECIFICALLY DETAILED AND UNLESS INDICATED OTHERWISE ON PLANS OR IN THE TENSION SPLICE LENGTHS FOR ALL OTHER SPLICES (UNLESS OTHERWISE SHOWN ON DRAWINGS).

A. DETAILS PREPARE AND SUBMITTED BY THE CONTRACTOR INDICATING LOCATION AND PROPOSED LAYOUT OF REBARS AND LENGTHS OF SPLICES.

B. WHERE THE SIZE AND NUMBER OF TIES OR SPIRALS PERMITS THE REDUCTION OF LAP LENGTH, THOSE BARS SHALL BE INDICATED ON THE DETAILS.

C. WHERE COMPUTED STRESS VALUES PERMIT THE REDUCTION OF LAP LENGTH, COMPUTATIONS SHALL BE SUBMITTED FOR REVIEW.

D. THE APPLICABLE SECTION OF THE ACI-95 CODE PERMITTING THE LESSER SPLICE LENGTH SHALL BE INDICATED IN THE SUBMITTED MATERIAL.

- TOP BARS ARE HORIZONTAL BARS PLACED SO THAT MORE THAN 43% OF THE CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.



- COORDINATE LOCATION OF SLOTTED INSERTS, WELDED PLATES, AND OTHER ITEMS TO BE EMBEDDED IN CONCRETE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- CONTRACTOR SHALL USE RIGID TEMPLATES TO INSTALL ANCHOR BOLTS.
- PIPES OR CONDUITS ARE NOT PERMITTED TO BE PLACED IN SLAB.
- TYPICAL SLAB ON-GRADE REINFORCING SHALL BE AS FOLLOWS: TEMPERATURE REINFORCING 6 X 6 - W2.9 X W2.9 WELDED WIRE FABRIC.

STRUCTURAL STEEL NOTES:

- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "MANUAL OF STEEL CONSTRUCTION" (LATEST EDITION) OR THE "MANUAL FOR STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN" (LATEST EDITION).
- ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" (LATEST EDITION) OR THE "MANUAL FOR STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN" (LATEST EDITION).
- ALL ROLLED SHAPES SHALL CONFORM TO ASTM STANDARD A572, GRADE 50 UNLESS SPECIFICALLY INDICATED ELSEWHERE ON OTHER DRAWINGS.
- STEEL FOR TUBE SECTIONS SHALL COMPLY WITH ASTM A500 GRADE B, FY = 46 KSI. PIPE STEEL SHALL COMPLY WITH ASTM A 500 GR B, FY = 42 KSI.
- ALL CONNECTION MATERIAL, BASE PLATES, ANGLES AND MISCELLANEOUS FRAMING SHALL CONFORM TO ASTM STANDARD A-36 UNLESS OTHERWISE NOTED.
- SHOP AND FIELD CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS MAY BE BOLTED OR WELDED.
- WHEN NOT SPECIFICALLY DETAILED ELSEWHERE ON THE DRAWINGS, ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS SHALL BE TWO SIDED WEB ANGLE CONNECTIONS.
- ALTERNATE CONNECTIONS WILL BE ACCEPTED ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER. HOWEVER, THE ENGINEER SHALL BE THE SOLE JUDGE OF ACCEPTABILITY AND THE CONTRACTOR'S BID SHALL ANTICIPATE THE USE OF THOSE SPECIFIC DETAILS SHOWN ON THE DRAWINGS. IN ANY EVENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF SUCH ALTERNATE DETAILS WHICH HE PROPOSES.
- WHEN INDICATED AS BOLTED ON THE DRAWINGS, ALL SHOP OR FIELD BOLTED BEAM TO BEAM CONNECTIONS SHALL BE BOLTED CONNECTIONS USING 3/4" INCH DIAMETER A325 BEARING BOLTS IN STANDARD HOLES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL BEAMS AND GIRDERS SHALL BE CONNECTED FOR 115% OF REACTION DENOTED BY THE SYMBOL, V ON PLAN. IF NO REACTION IS GIVEN PROVIDE CONNECTIONS PER NOTE 12 BELOW.
- ALL BEAM AND GIRDER CONNECTIONS SHALL BE A LEAST CAPABLE OF DEVELOPING THE UNIFORMLY DISTRIBUTED LOAD CAPACITY OF THE MEMBER USING THE REACTION FROM THE ALLOWABLE LOAD OF BEAM AS TABULATED IN THE MANUAL OF STEEL CONSTRUCTION PART 2, (LATEST EDITION) UNLESS NOTED OTHERWISE.
- WHEN INDICATED AS BOLTED ON THE DRAWINGS, ALL SHOP OR FIELD BOLTED COLUMN SPLICES, COLUMN TO BEAM CONNECTIONS AND BRACING CONNECTIONS SHALL BE BEARING TYPE CONNECTIONS USING 3/4" INCH DIAMETER A325 BOLTS IN STANDARD HOLES.
- SPLICES SHALL BE ALLOWED ONLY AT LOCATIONS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS UNLESS APPROVED OTHERWISE BY THE ENGINEER IN WRITING.
- ALL ANCHOR RODS SHALL CONFORM TO F1554 UNLESS OTHERWISE NOTED.
- THE STRUCTURAL STEEL CONTRACTOR SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATION WITH THE TOP OF CONCRETE ELEVATION. IN CASE OF CONFLICT, THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MOST STRINGENT REQUIREMENTS.
- ALL WELDS INDICATED SHALL MEET THE MINIMUM WELD SIZE SPECIFIED BY THE CURRENT AISC MANUAL OF STEEL DESIGN.
- ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH A.W.S. SPECIFICATIONS, (LATEST EDITIONS). ALL WELDING ELECTRODES SHALL CONFORM TO A.W.S. A5.1 GRADE E-70. BARE ELECTRODES AND GRANULAR FLUX SHALL CONFORM TO A.W.S. A5.17, F70 A.W.S. FLUX CLASSIFICATION.
- PROVIDE WELDED STIFFENER PLATES ON BOTH SIDES OF THE WEB OF BEAMS AT POINTS OF CONCENTRATED LOAD.
- THE FILLER BEAMS SHOULD BE SPACED EQUALLY BETWEEN THE SUPPORTS IF NOT OTHERWISE NOTED ON THE DRAWINGS.
- CUTS, HOLES, COPING, ETC. REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON THE SHOP DRAWINGS AND MADE IN THE SHOP. CUTS OR BURNING OF HOLES IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND DRAWINGS RELATED TO OTHER TRADES. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CHECK AND COORDINATE DIMENSIONS, CLEARANCES, ETC., WITH THE WORK OF OTHER TRADES.
- THE STRUCTURAL STEEL CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATIONS OF BEAMS AND GIRDERS AROUND ELEVATORS WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH SHOP DRAWINGS TO BE APPROVED PRIOR TO FABRICATING STEEL.

STRUCTURE RAISING PROCEDURE RECOMMENDATIONS:

- GROUT EXISTING CMU BLOCK SOLID PER DETAILS ON S-3 ALLOW A MINIMUM 14 DAY CURE TIME PRIOR TO RAISING.
- INSTALL LBRX® LIMIT ANGLES AT THE CMU WALL PERIMETER PER DETAILS ON S-3.
- INSTALL W12 GIRDERS/NEEDLE BEAMS, W12 OUTRIGGERS & W8 BEAMS PER DETAILS ON S-3.
- INSTALL RIM JOISTS AS REQUIRED PER DETAILS.
- W-SECTION GIRDERS/NEEDLE BEAMS, W12 OUTRIGGERS & W8 BEAMS ARE DESIGNED TO BE UTILIZED DURING THE LIFTING PROCESS AND SHALL REMAIN AS PERMANENT SUPPORTS.
- AFTER RAISING STRUCTURE INSTALL CHANNELS PER DETAILS ON S-3.

GENERAL NOTES:

- THE STRUCTURAL PLANS AND SPECIFICATIONS, TO THE BEST OF OUR KNOWLEDGE, COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AND THE INTERNATIONAL BUILDING CODE, LATEST EDITION AS SUPPLEMENTED, AMENDED, AND ADOPTED BY THE STATE OF CONNECTICUT.
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL RESIDENTIAL CODE AND THE INTERNATIONAL BUILDING CODE, LATEST EDITION AND ALL APPLICABLE FEDERAL AND STATE CODES, STANDARDS, REGULATIONS, AND LAWS.
- ALL REFERENCED STANDARDS REFER TO THE EDITION IN FORCE AT THE TIME THESE PLANS AND SPECIFICATIONS ARE ISSUED FOR PERMIT.
- WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
- IN ANY CASE OF CONFLICT BETWEEN THE NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AND COORDINATE WITH THE ARCHITECT, DRAWINGS, DRAWINGS FROM OTHER CONSULTANTS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS.
- THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES, AND UTILITY LINES FROM ALL DAMAGE.
- JOB SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE BUILDING IS DESIGNED FOR THE FOLLOWING UNIFORMLY DISTRIBUTED LIVE LOADS:
 - (A) SNOW LOAD - BASIC GROUND SNOW LOAD IS 30 PSF WITH APPLICABLE SNOW SHADOWING FACTORS.
 - (B) WIND LOADS - DESIGN WIND SPEED: 100 MPH, EXPOSURE "C" AND IMPORTANCE FACTOR: 1.0.
 - (C) SEISMIC LOADS - NOT APPLICABLE.

FOUNDATION NOTES:

- DOWELS FROM FOOTINGS INTO PIERS AND WALLS ABOVE, SHALL BE THE SAME SIZE AND NUMBER AS VERTICAL REINFORCEMENT IN PIERS AND WALLS, AND SHALL BE EXTENDED LITE INTO FOOTINGS AND LITS INTO PIERS AND WALLS UNLESS OTHERWISE SHOWN.
- DROP BOTTOM OF WALLS AND PIERS TO TOP OF FOOTINGS, TO OBTAIN FULL EXTENT OF CONTACT, UNLESS OTHERWISE SHOWN.
- CENTERLINE OF FOOTINGS AND CENTERLINE OF WALLS, PIERS, COLUMNS, AND BEAMS SHALL BE THE SAME UNLESS OTHERWISE NOTED.
- NO BACK FILLING SHALL BE DONE AGAINST FOUNDATION AND RETAINING WALLS UNTIL CONCRETE HAS ATTAINED AT LEAST 75% OF ITS 28 DAY STRENGTH. BEFORE BACK FILLING, PROVIDE BRACING FOR WALLS SUSTAINING MORE THAN 3 FEET OF EARTH PRESSURE. THIS BRACING SHALL REMAIN IN PLACE UNTIL ALL SLABS AND BEAMS FRAMING INTO WALL (INCLUDING SLAB ON GRADE) HAVE BEEN PLACED AND SET.
- CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTECT ALL EXCAVATION SLOPES, WHERE NECESSARY SHEETING AND SHORING OF EXCAVATION SHALL BE PROVIDED WITH ALL REQUIRED TIE BACKS AND BRACING.
- THE MAXIMUM SLOPE BETWEEN TWO ADJACENT FOOTINGS SHALL NOT EXCEED 2 HORIZONTAL TO 1 VERTICAL.
- COMPACTION SHALL BE CONTROLLED BY A QUALIFIED TESTING LABORATORY OR GEO-TECHNICAL ENGINEER. TAKE A MINIMUM OF ONE FIELD DENSITY TEST (ASTM D-1557 OR D-2922) FOR EACH LAYER. LOCATION OF TEST SHALL BE RANDOMLY SELECTED BY TESTING AGENCY.
- FOOTINGS ADJACENT TO EXISTING BUILDING FOUNDATIONS SHALL BE DROPPED TO MATCH BOTTOM OF NEW FOOTING TO BOTTOM OF EXISTING.

REINFORCED CONCRETE NOTES:

- STRUCTURAL CONCRETE AND CONCRETING PRACTICES SHALL CONFORM WITH ACI-318-02, "AMERICAN CONCRETE INSTITUTE, BUILDING CODE FOR REINFORCED CONCRETE." DETAILS SHALL BE IN ACCORDANCE WITH ACI-135, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL STRUCTURAL CONCRETE SHALL BE NORMAL WEIGHT STONE CONCRETE. CONCRETE FOR FOOTINGS, PIERS, GRADE BEAMS, FOUNDATION WALLS, PILE CAPS, SLABS ON GRADE, AND RETAINING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL EXPOSED CONCRETE SHALL HAVE AN AIR ENTRAINING AGENT.
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. CHAIR OR LIFT WIRE FABRIC DURING CONCRETE PLACEMENT TO INSURE PROPER POSITION IN SLAB.
- ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT OR ALL BARS.
- ALL REINFORCING BARS, SHALL BE LAPPED AS SPECIFICALLY DETAILED ON DRAWINGS. WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, ALL REINFORCING BARS SHALL BE LAPPED USING THE TENSION SPLICE LENGTHS IN THE TABLE ON DRAWINGS. LAP WALL TOP HORIZONTAL REINFORCEMENT AT CENTER OF SPAN. LAP WALL BOTTOM HORIZONTAL REINFORCEMENT AT SUPPORT. LAP INSIDE FACE WALL VERTICAL REINFORCEMENT AT SUPPORT. LAP OUTSIDE FACE VERTICAL WALL REINFORCEMENT AT MID-HEIGHT OF WALL. UNLESS OTHERWISE NOTED TERMINATE CONTINUOUS BARS AT DISCONTINUOUS ENDS WITH STANDARD HOOKS.
- MINIMUM CONCRETE COVER SHALL BE 3/4" INCH FOR SLABS, 1 INCH FOR WALLS AND 1-1/2 INCHES FOR COLUMNS. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE 1 INCH FOR SLABS ON GRADE AND WALLS. ALL CONCRETE EXPOSED TO WEATHER OR EARTH SHALL HAVE MINIMUM CONCRETE COVER OF 2 INCHES FOR BARS LARGER THAN #5, 1-1/2 INCHES FOR #5 BARS OR SMALLER. FOR ALL CONCRETE CAST AGAINST EARTH PROVIDE 3 INCHES COVER. ALL CONCRETE PLACED AGAINST PERMANENT SHEETING SHALL HAVE 4 INCHES COVER.
- PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI-318, CHAPTER 6.4. SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION JOINT LOCATIONS ALONG WITH THE SEQUENCE OF POURS FOR THE STRUCTURAL ENGINEER'S REVIEW. WALL (CONTINUOUS FOOTING) CONSTRUCTION JOINTS SHALL BE PLACED SO AS TO PROVIDE A 60 FOOT MAXIMUM LENGTH OF CONCRETE PLACEMENT.
- NO CONCRETE TEST WILL BE ACCEPTED IF CONCRETE IS TAMPERED WITH IN ANY WAY AFTER SAID TEST IS PERFORMED. REPEAT TEST IF WATER IS ADDED AFTER INITIAL SAMPLING.
- VERTICAL CONSTRUCTION JOINTS IN WALLS SHALL BE USED ONLY WITH PRIOR APPROVAL OF THE ENGINEER AND SHALL BE LOCATED AT LEAST EIGHT FEET FROM ANY WALL OPENING FOR FOUNDATION WALLS.
- NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMITTED IN BEAMS, WALLS AND SLABS UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER.
- THE GENERAL CONTRACTOR SHALL PROVIDE REINFORCING STEEL ERECTOR WITH A SET OF STRUCTURAL PLANS FOR FIELD USE.
- ALL ADJOINING SURFACES NOT CAST MONOLITHICALLY SHALL BE ROUGHENED TO 1/4" INCH AMPLITUDE FOR THE ENTIRE INTERSECTING SURFACE ACCORDING TO ACI RECOMMENDATIONS.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, CURBS ETC. AS REQUIRED BY OTHER TRADES BEFORE WRITING.
- FOR LOCATION OF FLOOR DRAINS, CURBS, CONCRETE PADS AND FLOOR DEPRESSIONS SEE ARCHITECTURAL AND MECHANICAL DRAWINGS.

Coastal Materials Testing Lab, LLC 10 Hart Street West Haven, CT 06516 Phone: 203-691-5966										CLIENT: Amaya Architects		SHEET 1 OF 1 HOLE NO. B-1	
PROJECT NO. G106-054-15										BORING LOCATIONS			
PROJECT NAME										32 Field Court			
FOREMAN- DRILLER BDmc										LOCATION Milford, CT			
INSPECTOR										TYPE HSA SS			
GROUND WATER OBSERVATIONS AT 4 FT. AFTER 0 HOURS										CASING 3 1/2" 1 3/8"			
AT 1 FT. AFTER 0 HOURS										CORE BAR 140# BIT			
										OFFSET DATE START 5/7/15 DATE FINISH 5/7/15 SURFACE ELEV. GROUND WATER ELEV.			
SAMPLE										FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.			
DEPTH	NO	TYPE	PEN	REC	DEPTH	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE 0 - 6 - 12 12- 18	CORE TIME FT. MIN	DENSITY OR CONSIST	STRATA CHANGE DEPTH				
	1	ss	24"	18"	20"	5	8	dry compact		1	bm FMC SAND, sm F gravel		
5	2	ss	24"	18"	40"	12	18	dry dense		1	SAME		
	3	ss	24"	12"	60"	15	11	wet compact		1	bm V-C SAND, sm F gravel		
	4	ss	24"	18"	80"	30	14	wet compact		1	sm FMC SAND, tr F gravel		
10	5	ss	24"	24"	100"	13	18	wet dense		1	dry FMC SAND		
	6	ss	24"	12"	120"	8	10	wet compact		1	SAME		
15	7	ss	24"	16"	170"	14	8	wet compact		1	dry FM SAND		
	8	ss	24"	18"	190"	8	8	wet compact		1	SAME		
	9	ss	24"	12"	220"	5	9	wet v stiff		200"	sm bm ORGANIC SILT		
20	10	ss	24"	14"	270"	13	18				dry SILT		
	11	ss	24"	14"	320"	20	24	wet hard			bm reddish SILT		
30													
	12	ss	24"	14"	320"	20	24	wet hard			bm SILT		
35	13	ss	24"	18"	370"	30	26	wet hard		370"	SAME		
											E.O.B. 370"		
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VENE CASING TO _____ FT. HOLE NO. B-1

WGR = WEIGHT OF RODS WGH = WEIGHT OF HAMMER & RODS C = COARSE
SS = SPLIT TUBE SAMPLER H.S.A = HOLLOW STEM AUGER M = MEDIUM
PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND = 35 - 50% F = FINE

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO USED CASING - THEN CASING TO FT. [HOLE NO. B-1]

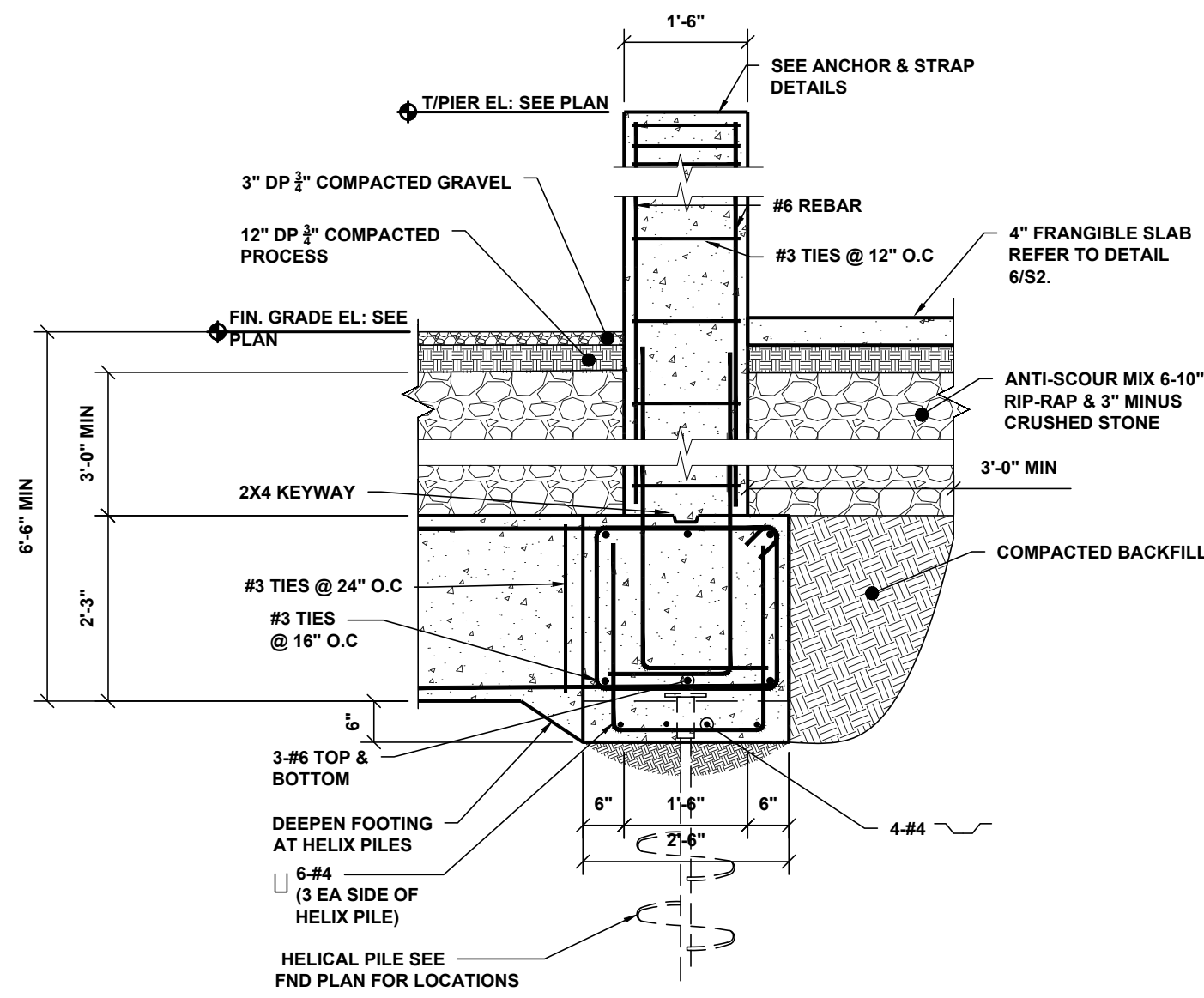
A = AUGER, UP = UNDISTURBED PISTON, T = THINWALL V = VANE TEST

WGR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

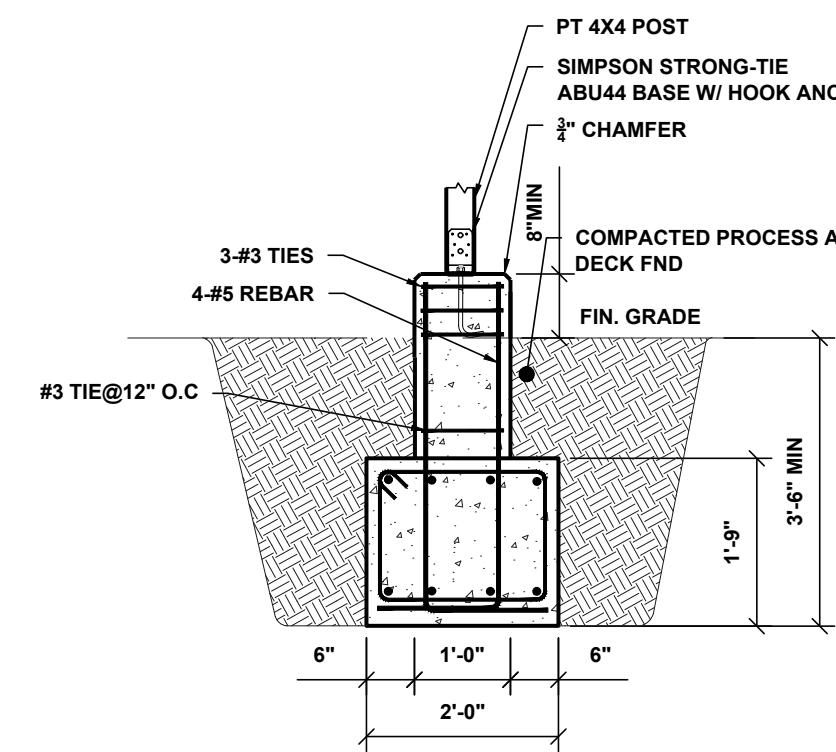
SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND 35 - 50% F = FINE

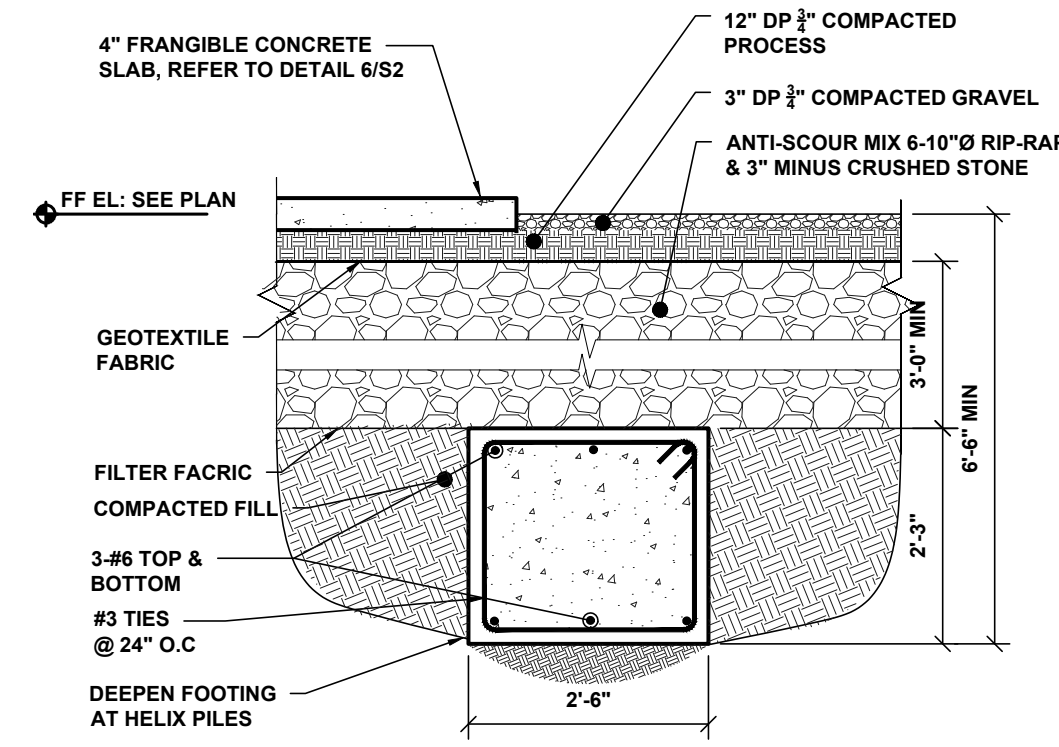
Coastal Materials Testing Lab, LLC										CLIENT: Amaya Architects										SHEET 1 OF 1									
10 Hart Street																				HOLE NO. B-2									
West Haven, CT 06516										PROJECT NO. G106-054-15																			
Phone: 203-691-5966										PROJECT NAME										BORING LOCATIONS									
										32 Field Court										per Plan									
FOREMAN- DRILLER										LOCATION:																			
BD/mc										Miford, CT																			
INSPECTOR																				OFFSET									
										TYPE										DATE START 5/7/15									
										CASING HSA 6S										DATE FINISH 5/7/15									
										SIZE I.D. 3 3/4"										1 3/8"									
										HAMMER WT. 140#										BIT									
										HAMMER FALL										30"									
																				SURFACE ELEV.									
																				GROUND WATER ELEV.									
SAMPLE										BLOWS PER 6 IN										FIELD IDENTIFICATION OF SOIL REMARKS									
DEPTH										CORE										INCL. COLOR, LOSS OF WASH WATER,									
NO										TIME										STRATA									
PER										PER										CHANGE									
FOOT										MIN										DEPTH									
										MOIST										ELEV									
										CONSIST																			
										dry										0.1bm FMC SAND, sm F gravel									
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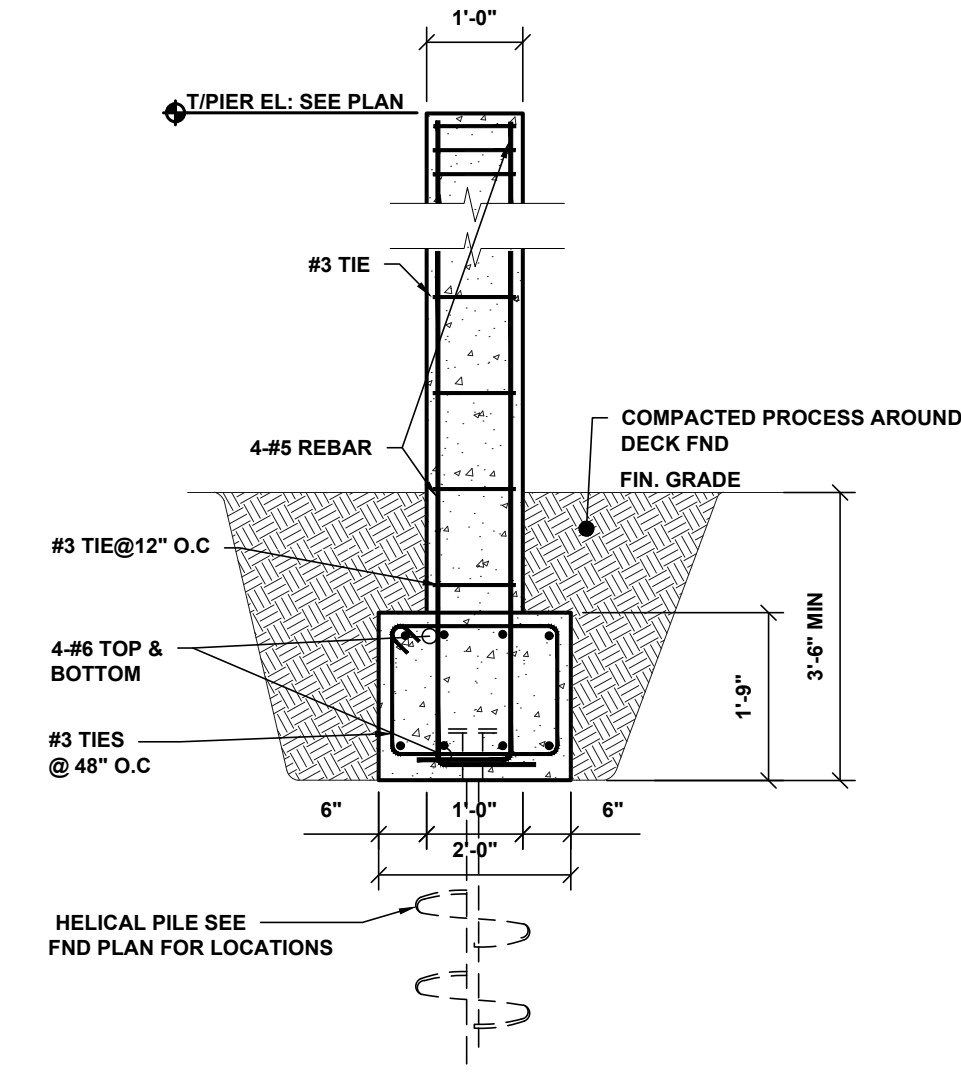
2 FND SECTION @ PIER
1/2"=1'-0"



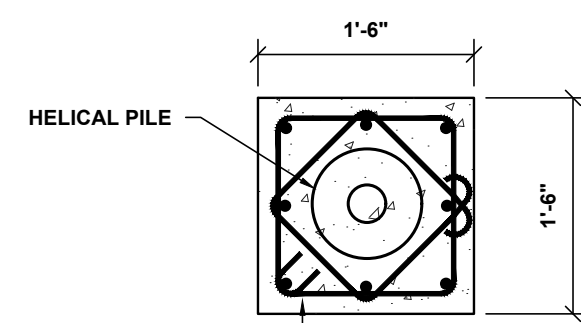
5 DECK FND SECTION @ PIER
1/2"=1'-0"



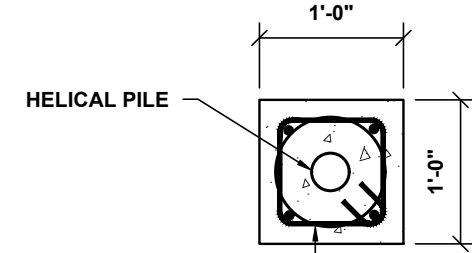
3 FND SECTION
1/2"=1'-0"



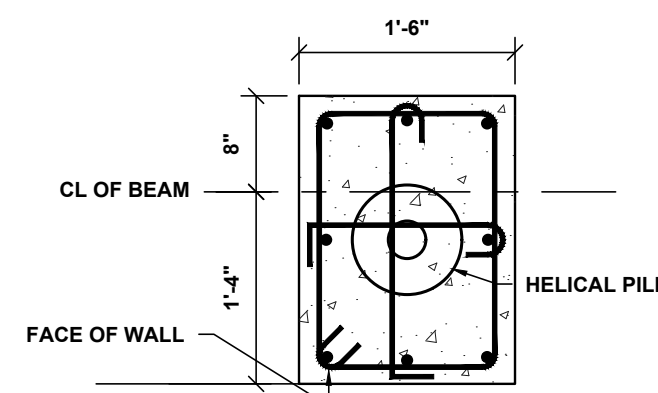
4 DECK FND SECTION @ PIER
1/2"=1'-0"



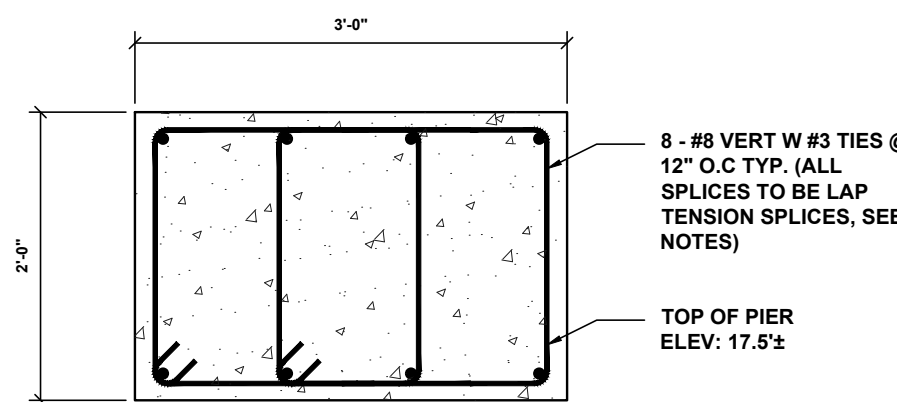
FND PIER (P-1)



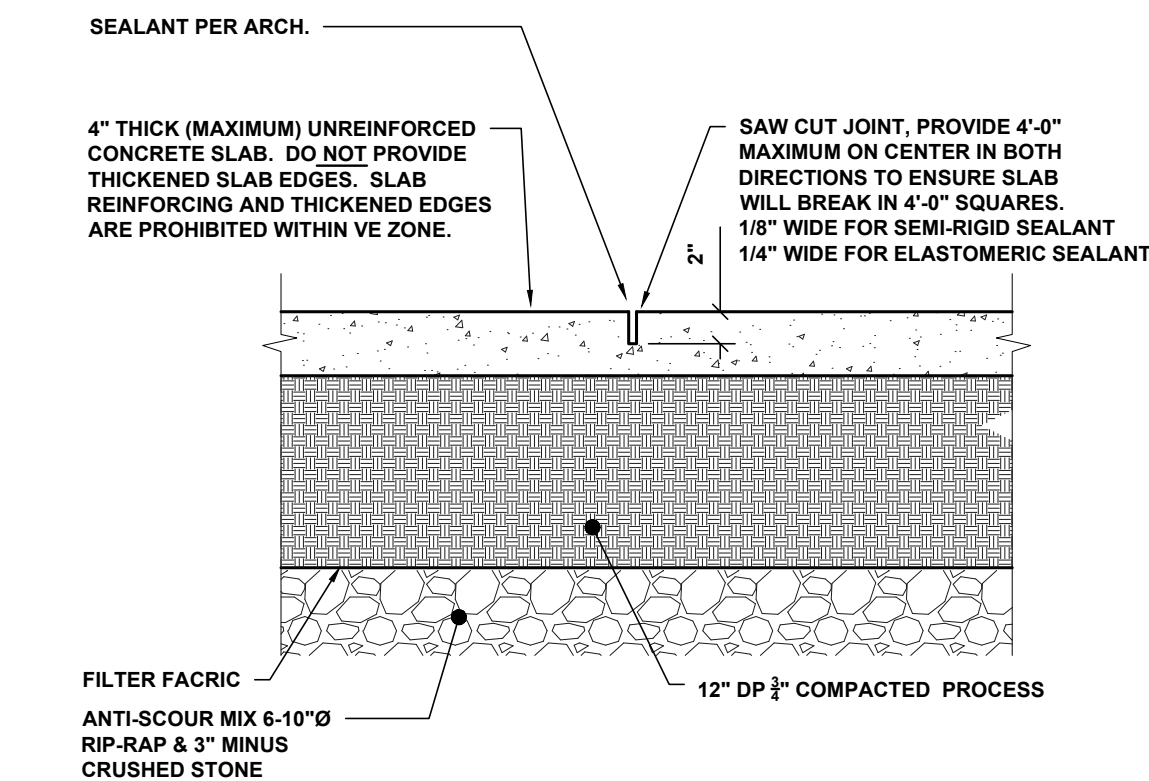
FND PIER (P-2)



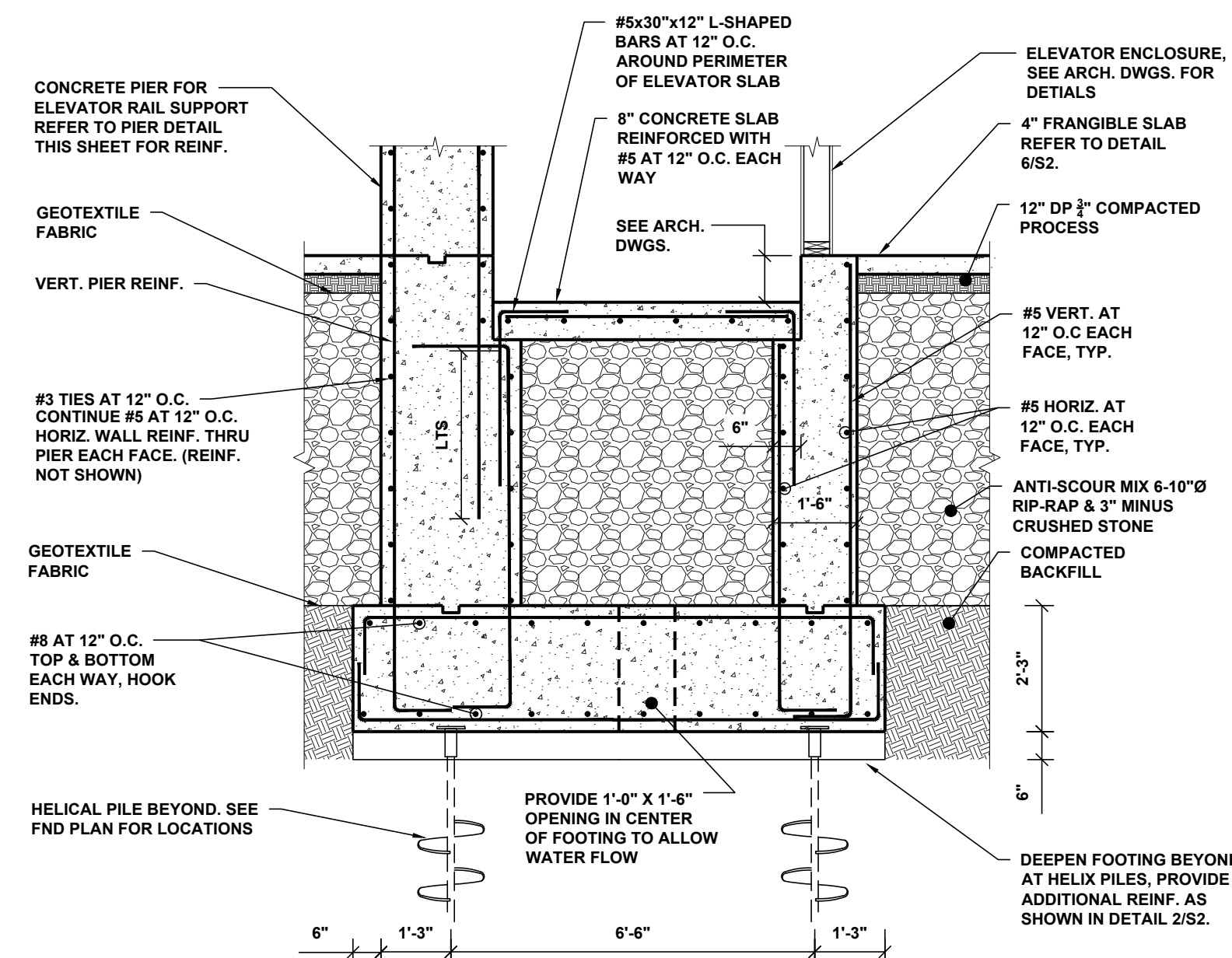
FND PIER (P-3)



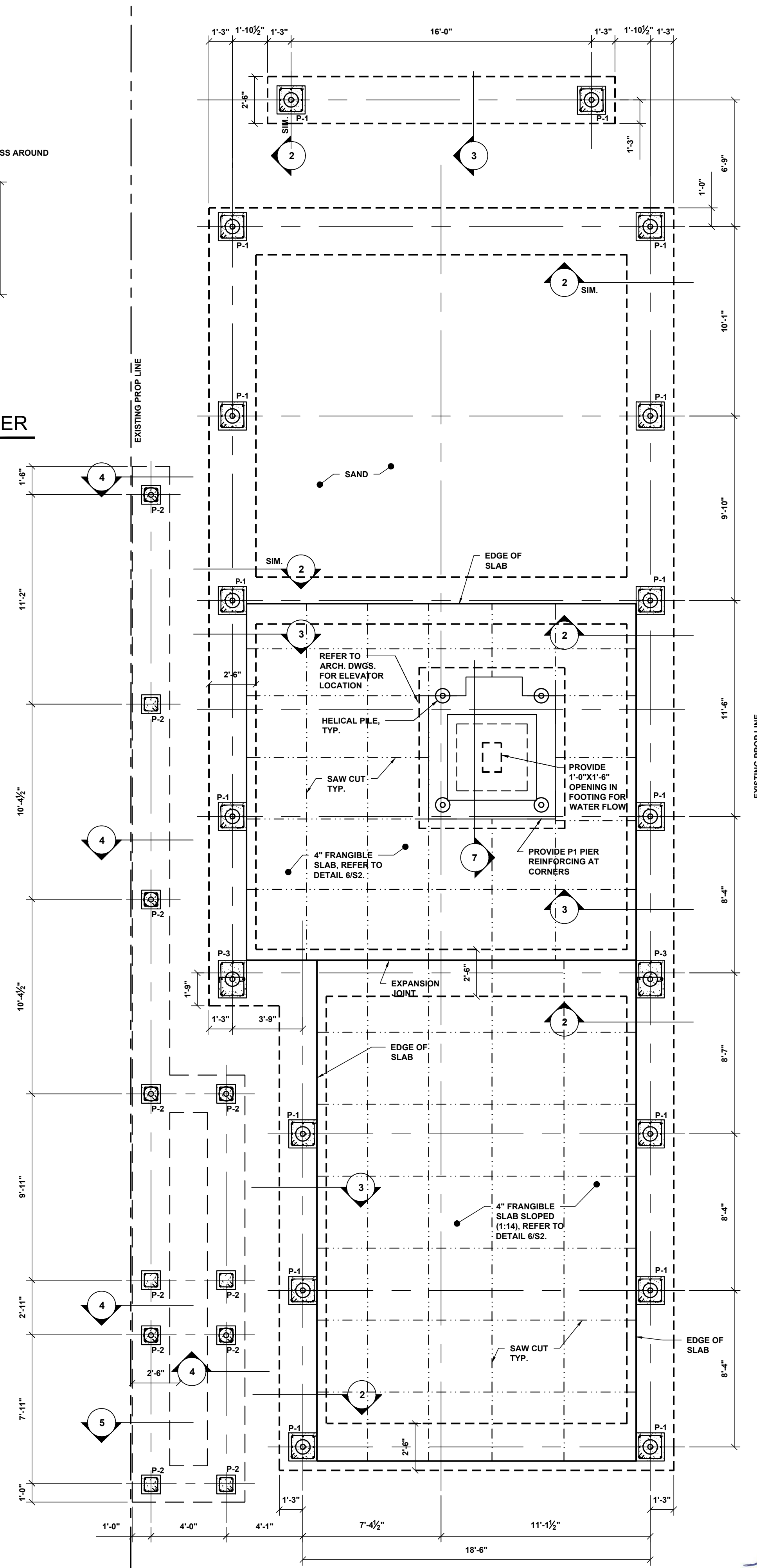
FND PIER FOR ELEVATOR RAIL SUPPORT



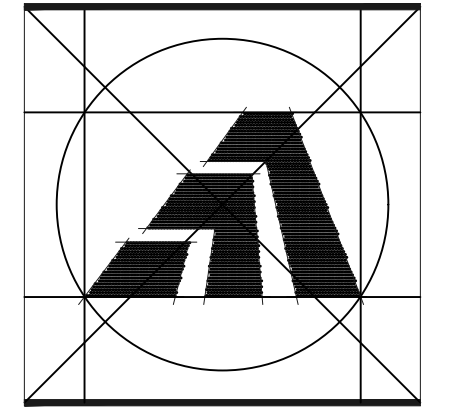
6 TYP. FRANGIBLE SLAB DETAIL
1"=1'-0"



7 SECTION AT ELEVATOR PIT
3/8"=1'-0"



1 FOUNDATION PLAN
1/4"=1'-0"



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Comm No. 01MH4.21

Sheet Title:

STRUCTURAL PLANS
AND DETAILS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

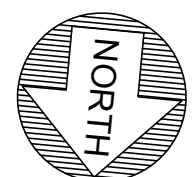
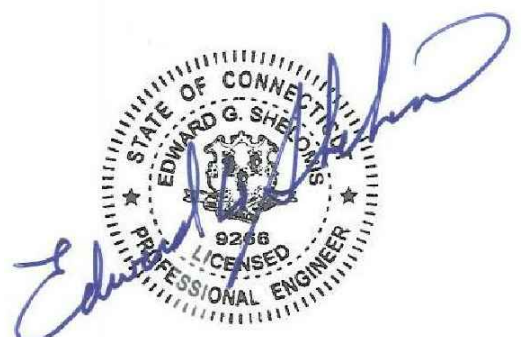
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

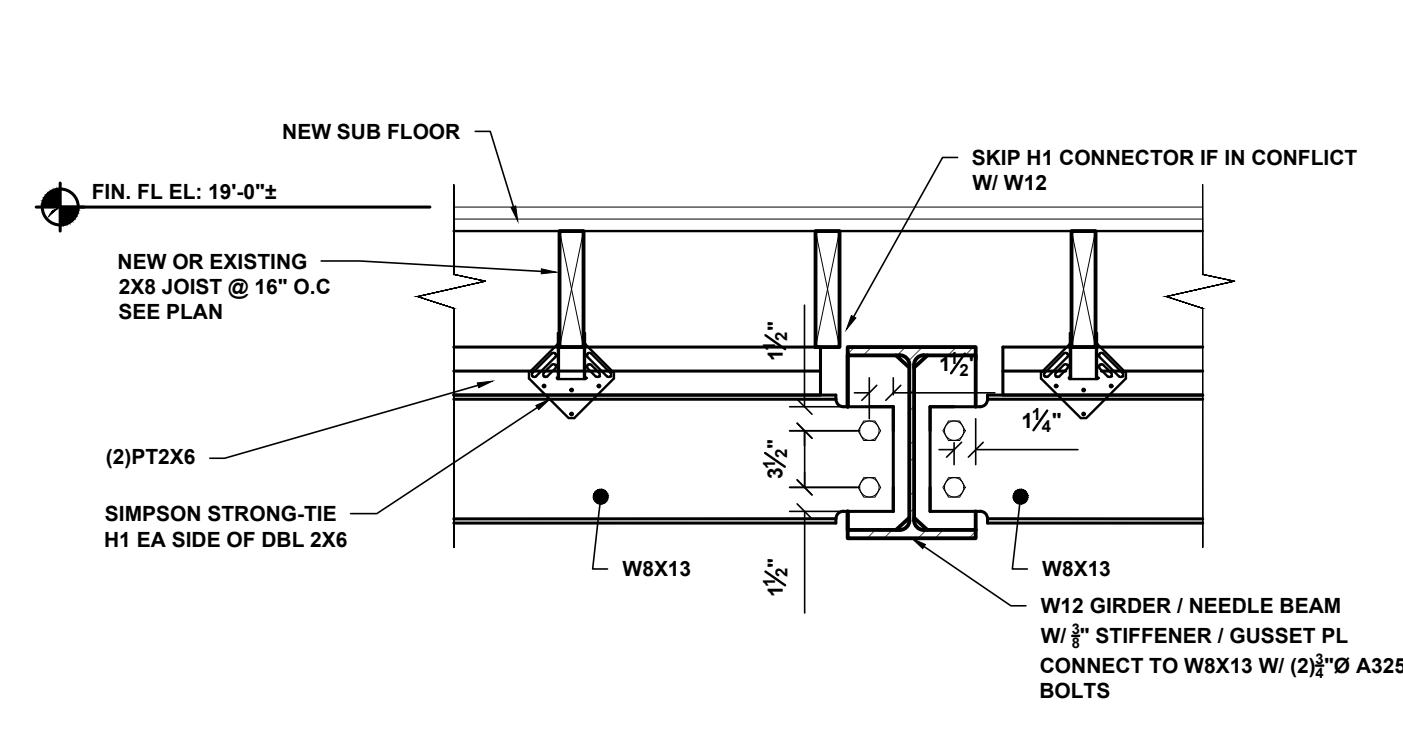
Date: 12-01-15

Job Number:
Drawn By: JRO
Approved By: EGS

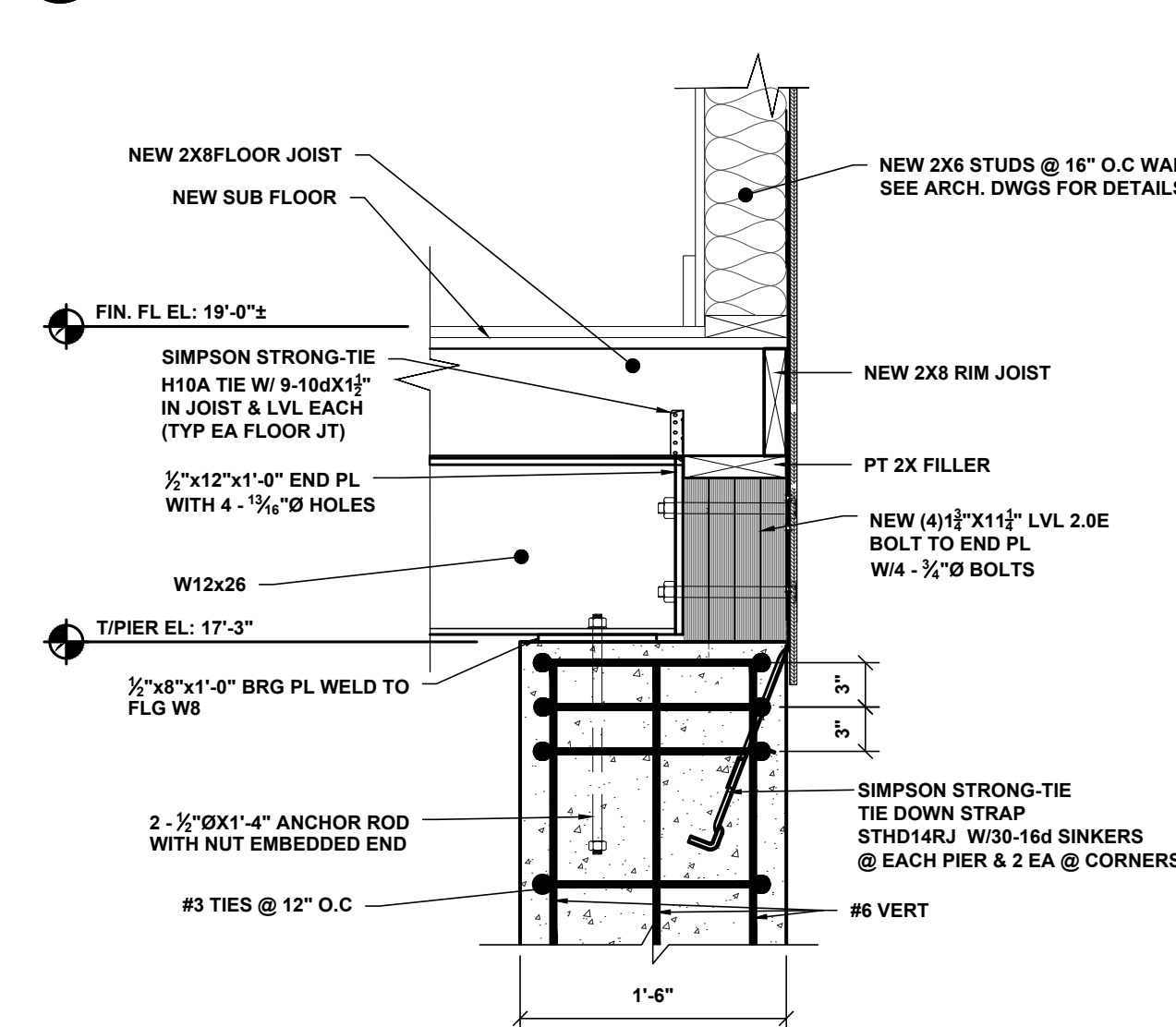
Sheet Number:

S-2



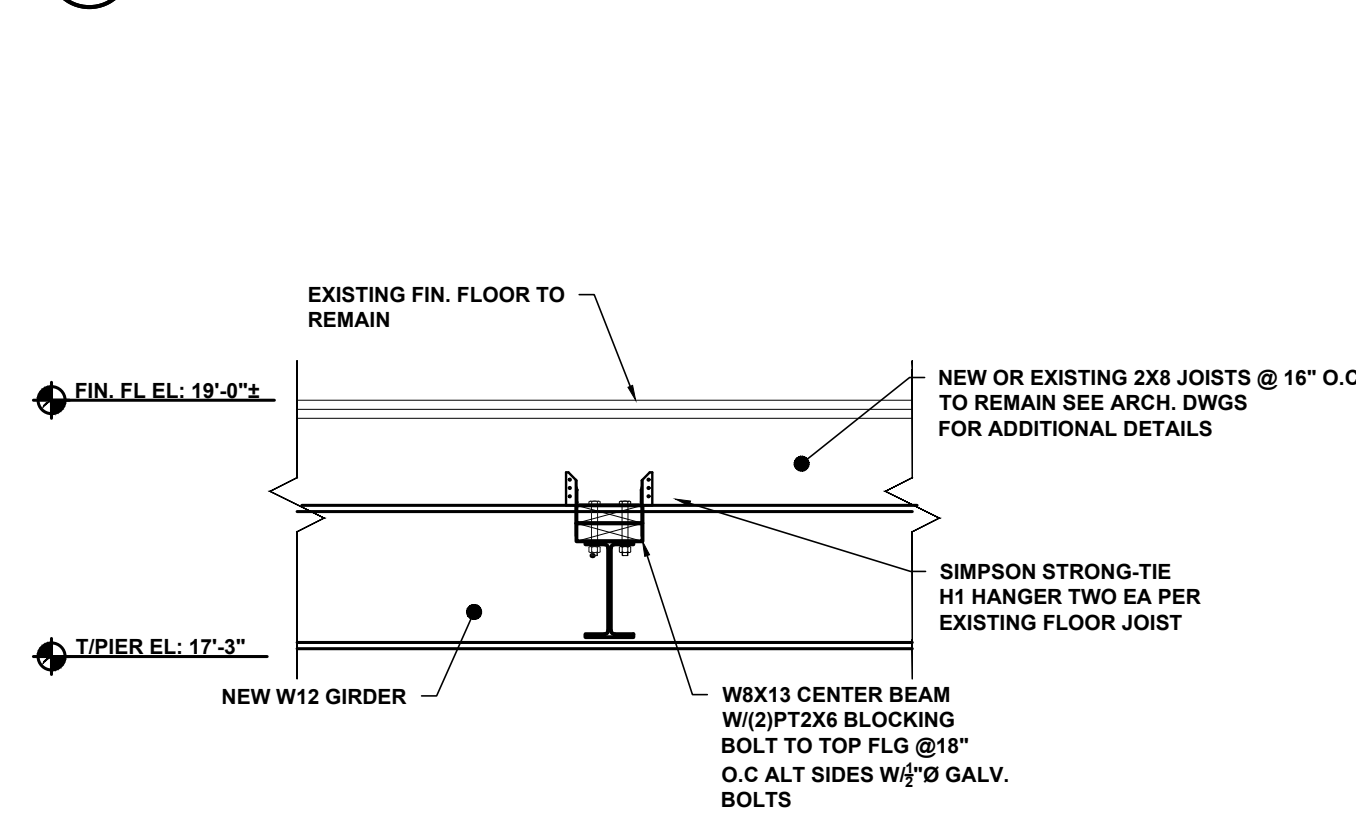


9 RIM JOIST FRAMING - SECTION
1"=1'-0"

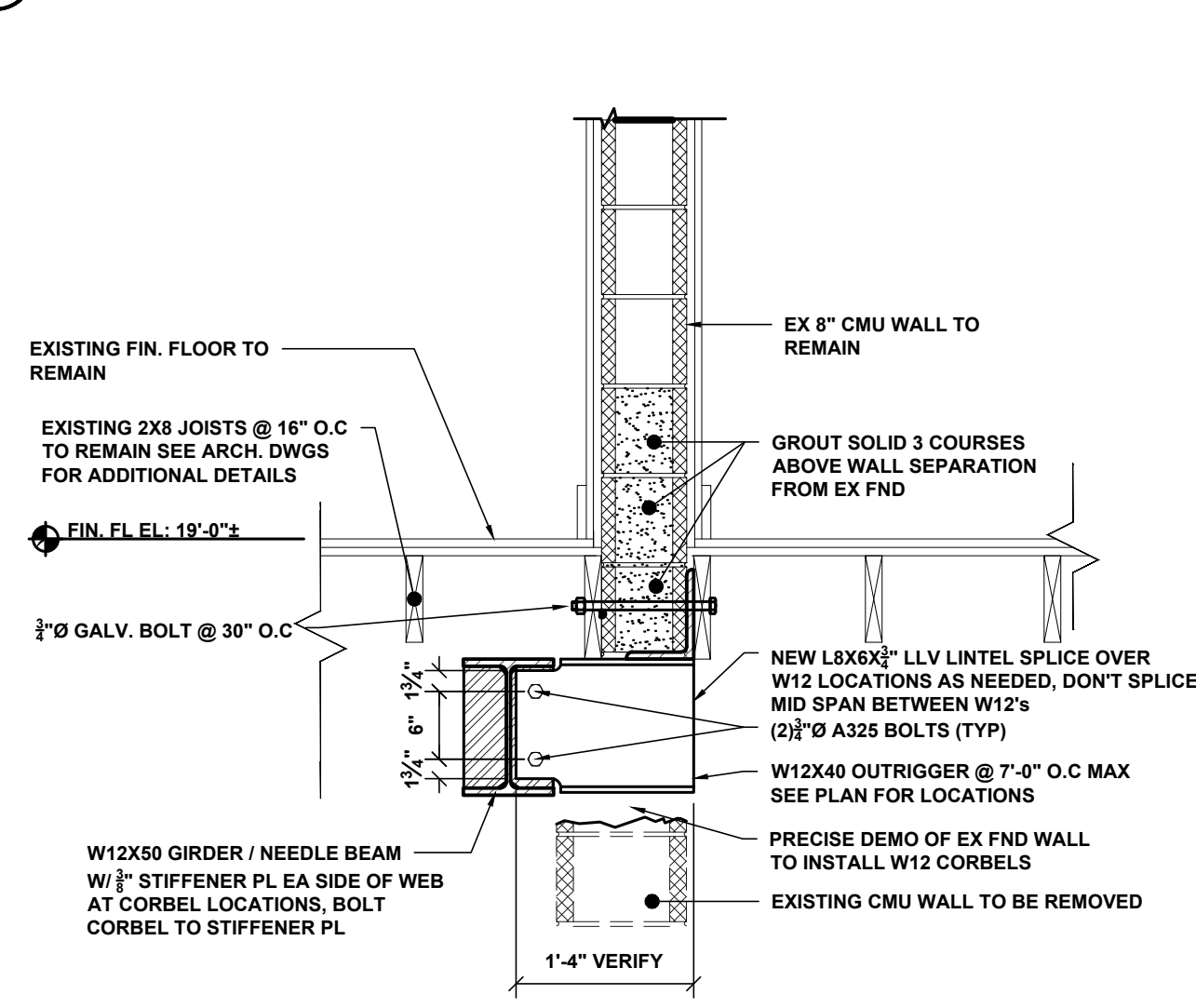


8 STEEL FRAMING CONNECTION - DETAIL

⑥ RIM JOIST FRAMING @ PIER - SECTION



4 STEEL SUBFRAME @ CENTER BEAM - SECTION



2 STEEL SUBFRAME @ EX CMU WALL - SECTION
3/4"=1'-0"

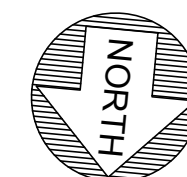
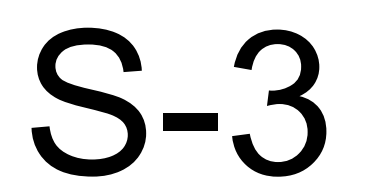


CTIONS.

1 FIRST FLOOR FRAMING PLAN

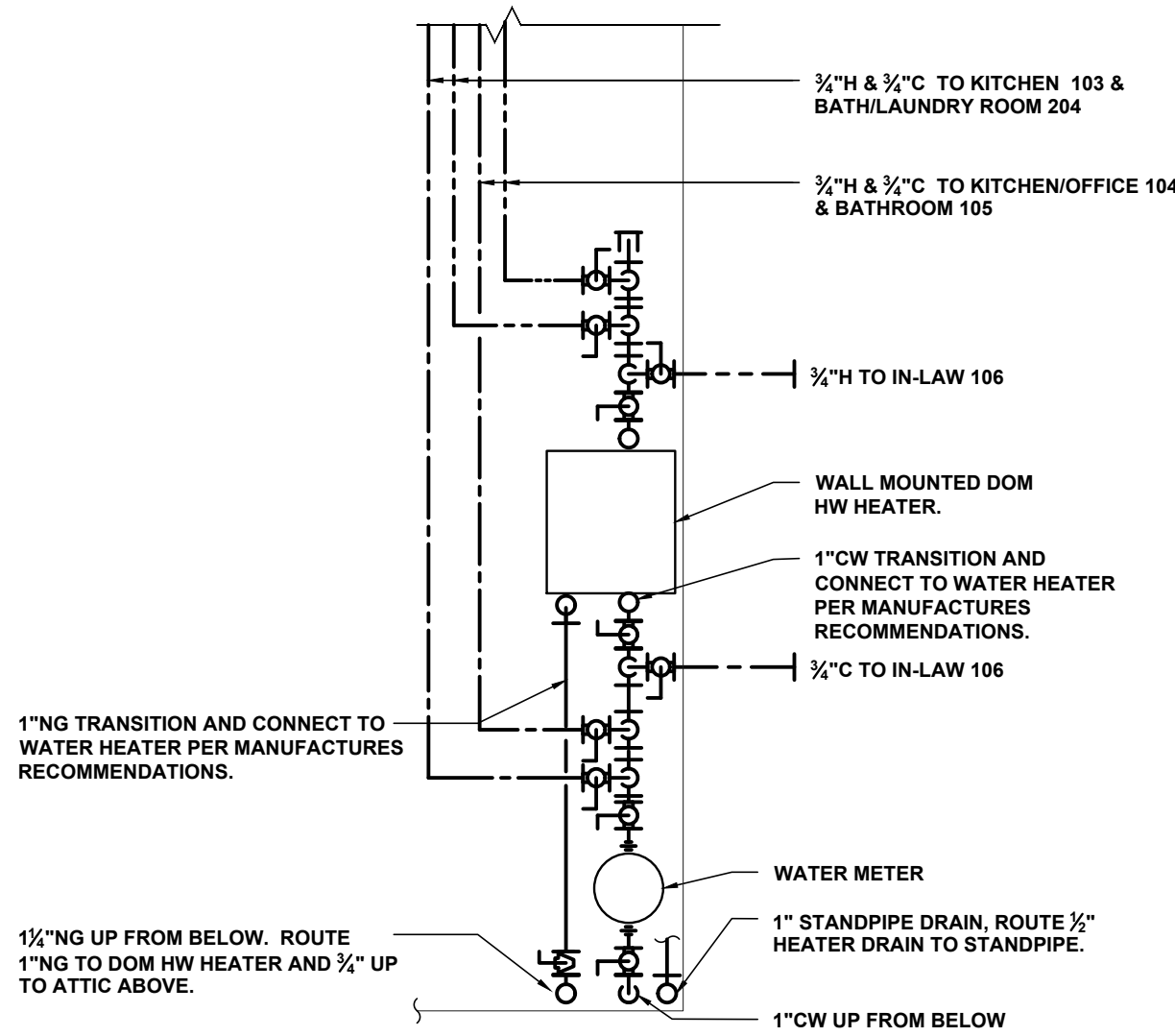
$1/4"=1'-0"$

SEE STRUCTURE RAISING RECOMMENDATIONS ON SHEET S-1

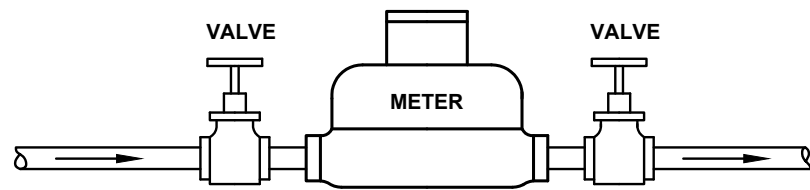


PLUMBING SYMBOL LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WASTE, SOIL AND STORM		BUTTERFLY VALVE		UNION
	BURIED PIPE		CHECK VALVE		CIRCULATING PUMP
	COLD		PRESSURE REDUCING VALVE		FLOOR DRAIN
	HOT		BACKFLOW PREVENTER		ROOF DRAIN
	RECIRCULATION		PLUG VALVE		CLEAN OUT
	VENT		CONTROL VALVE		THERMOMETER
	BALL VALVE		HOSE BIBB		PIPE ELBOW UP
	GATE VALVE		PRESSURE RELIEF VALVE		PIPE ELBOW DN
	OS&Y GATE VALVE		STRAINER		CAP

NOTE: ABOVE LEGEND IS GENERAL IN NATURE. NOT ALL SYMBOLS ARE ASSOCIATED WITH THIS PROJECT.

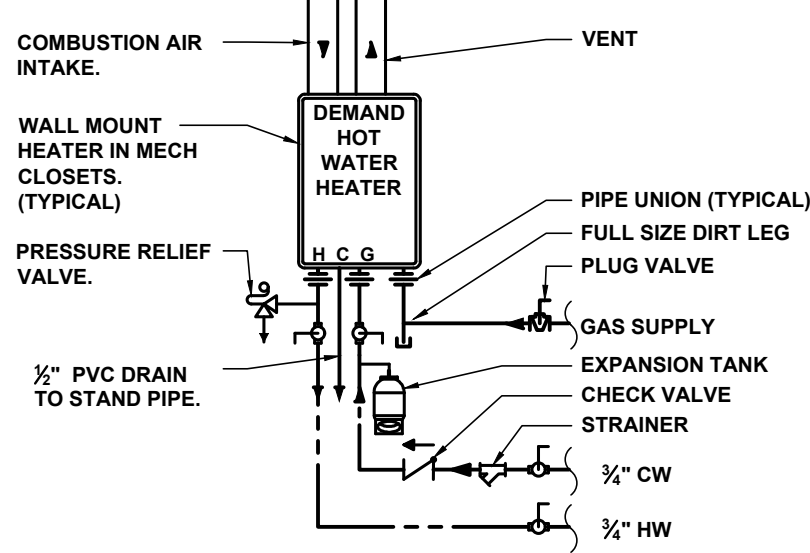


3 SCHEMATIC PIPING DIAGRAM AT WH 1
NTS



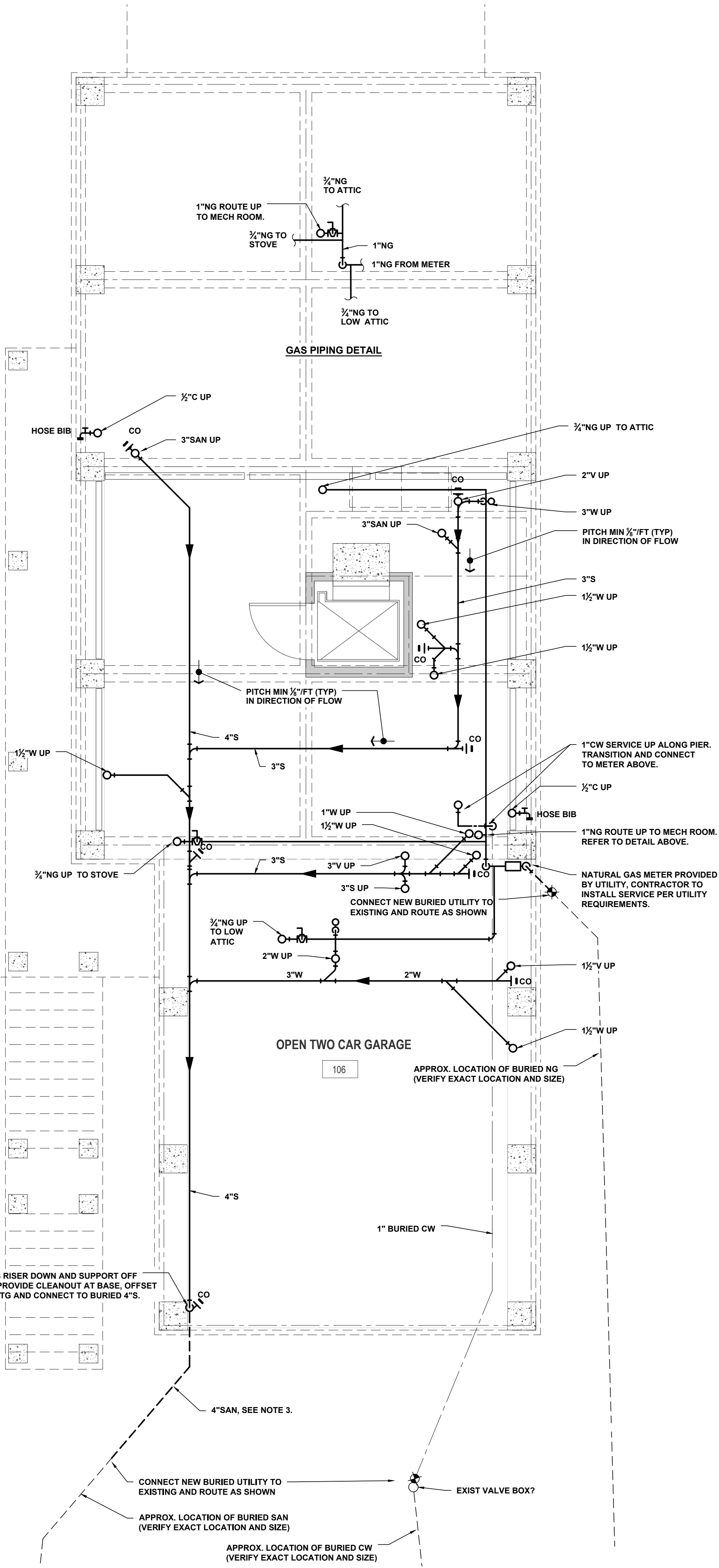
ALL PIPING AND FITTINGS BY CONTRACTOR.
METER SUPPLIED BY UTILITY.

4 TYPICAL WATER METER PIPING DETAIL
NTS

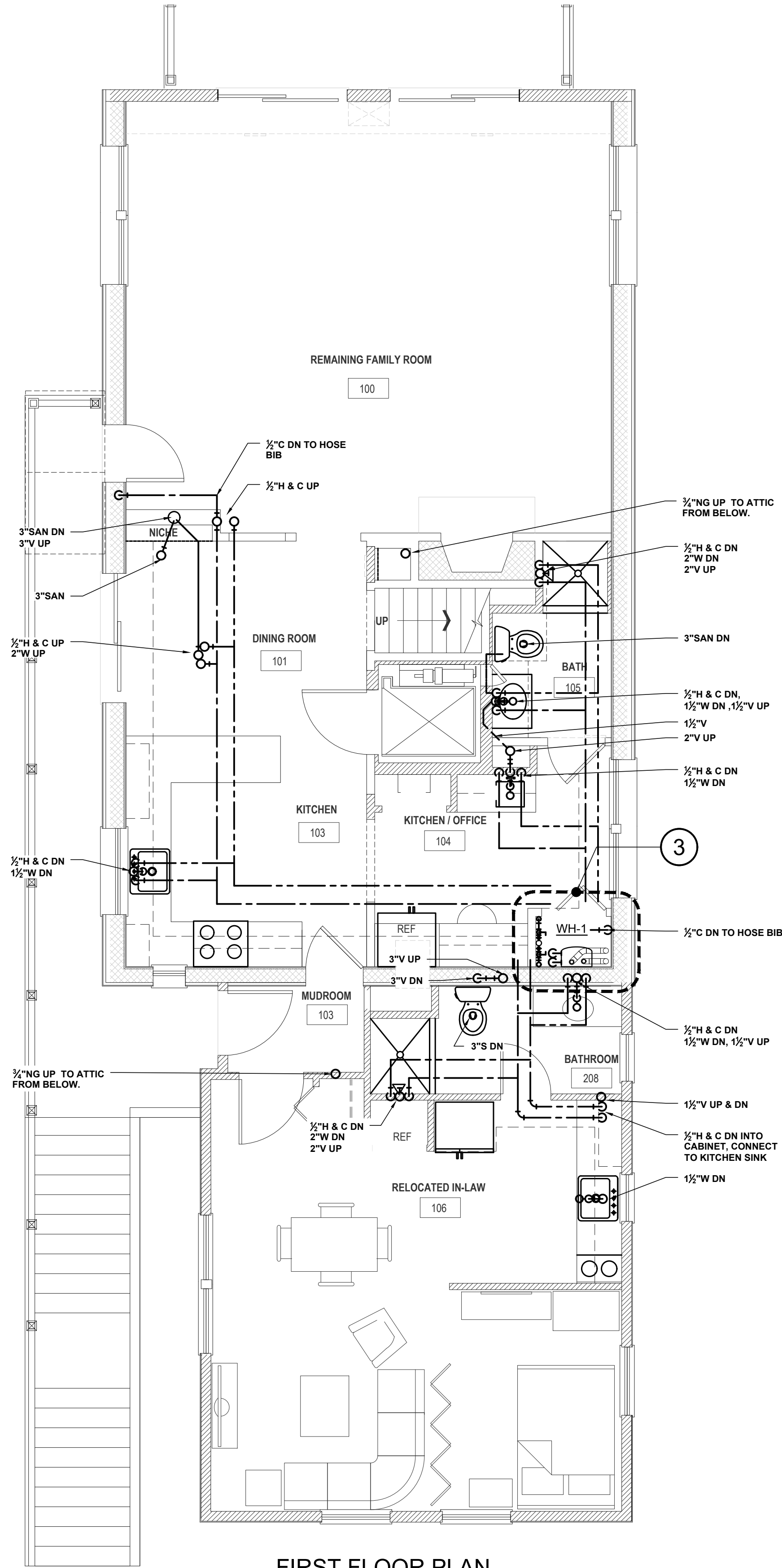


NOTE: INSTALL WATER HEATER PER
MANUFACTURERS RECOMMENDATIONS.

5 WATER HEATER PIPING
SCHEMATIC DIAGRAM

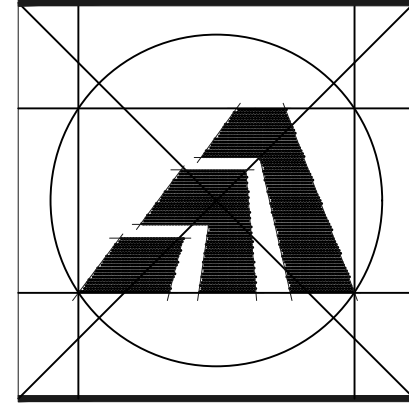
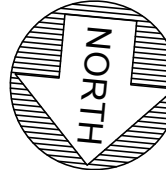


1 FOUNDATION / CARPORT PLAN
1/4\"=1'-0"



2 FIRST FLOOR PLAN
1/4\"=1'-0"

- NOTES:
1. INFORMATION SHOWN IS BASED UPON CASUAL FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
 2. PIPE ROUTING SHOWN IS SCHEMATIC IN NATURE. ACTUAL ROUTING SHALL BE COORDINATED WITH EXISTING UTILITIES AND OTHER TRADES PRIOR TO THE START OF WORK.
 3. DOMESTIC COLD WATER, SANITARY AND NATURAL GAS SERVICES TO BE ELEVATED ABOVE FLOOD LEVEL AND INSTALLED PER UTILITY REQUIREMENTS. A BACKFLOW VALVE SHALL BE INSTALLED IN THE SANITARY MAIN.
 4. REMOVE ALL H, C, GAS & DRAIN PIPING SERVING BLDG AND RE-PIPE AS SHOWN.
 5. INSTALL ALL EQUIPMENT PER MANU. RECOMMENDATIONS.
 6. ALL WATER PIPING AT FIRST FLOOR TO BE HEAT TRACED, REFER TO ELEC. DWGS.
 7. PIPE 1/2\"H&C VALVED BRANCHES TO EACH FIXTURE.



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Comm No. 01MH4.21

Sheet Title:

PLUMBING PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:

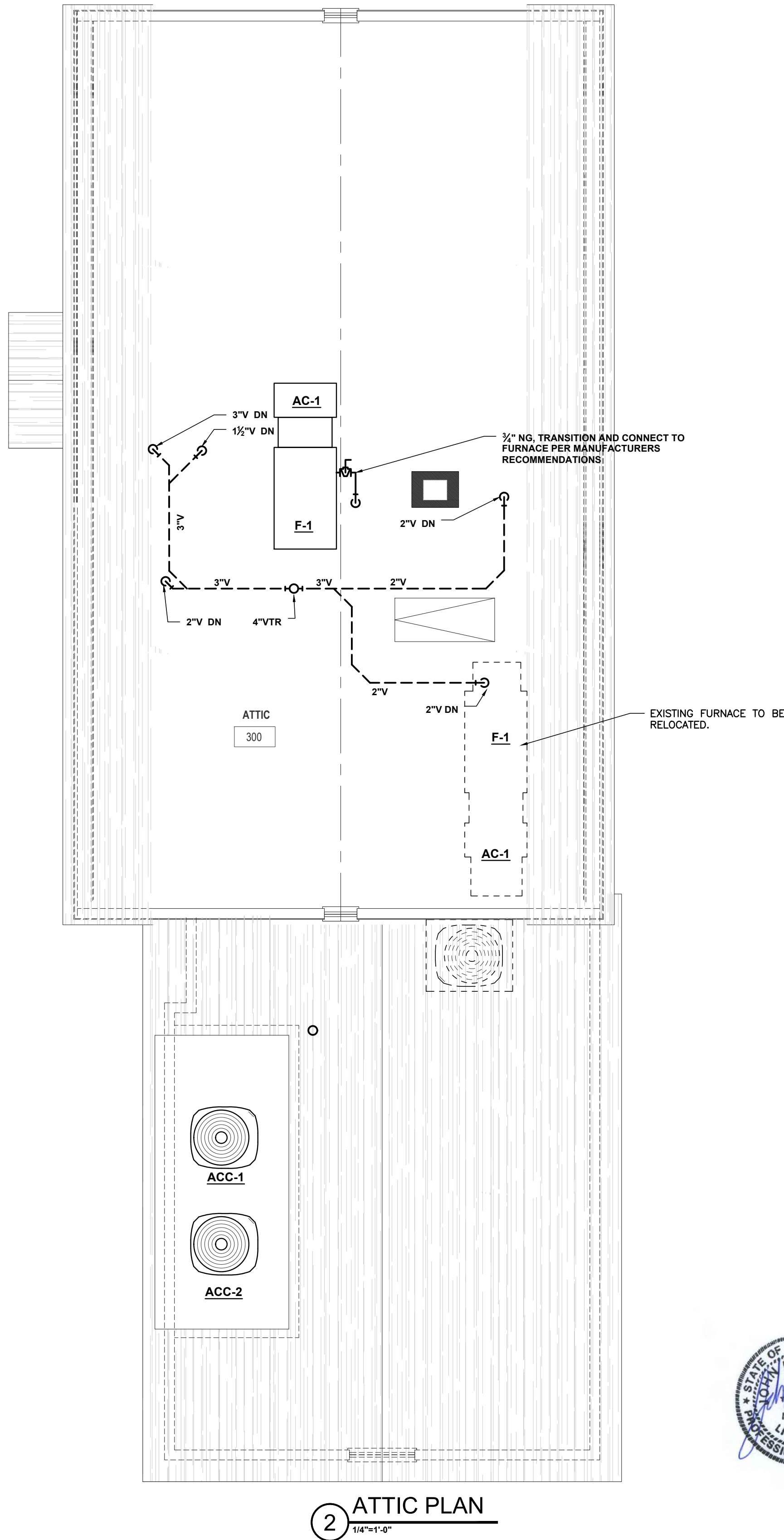
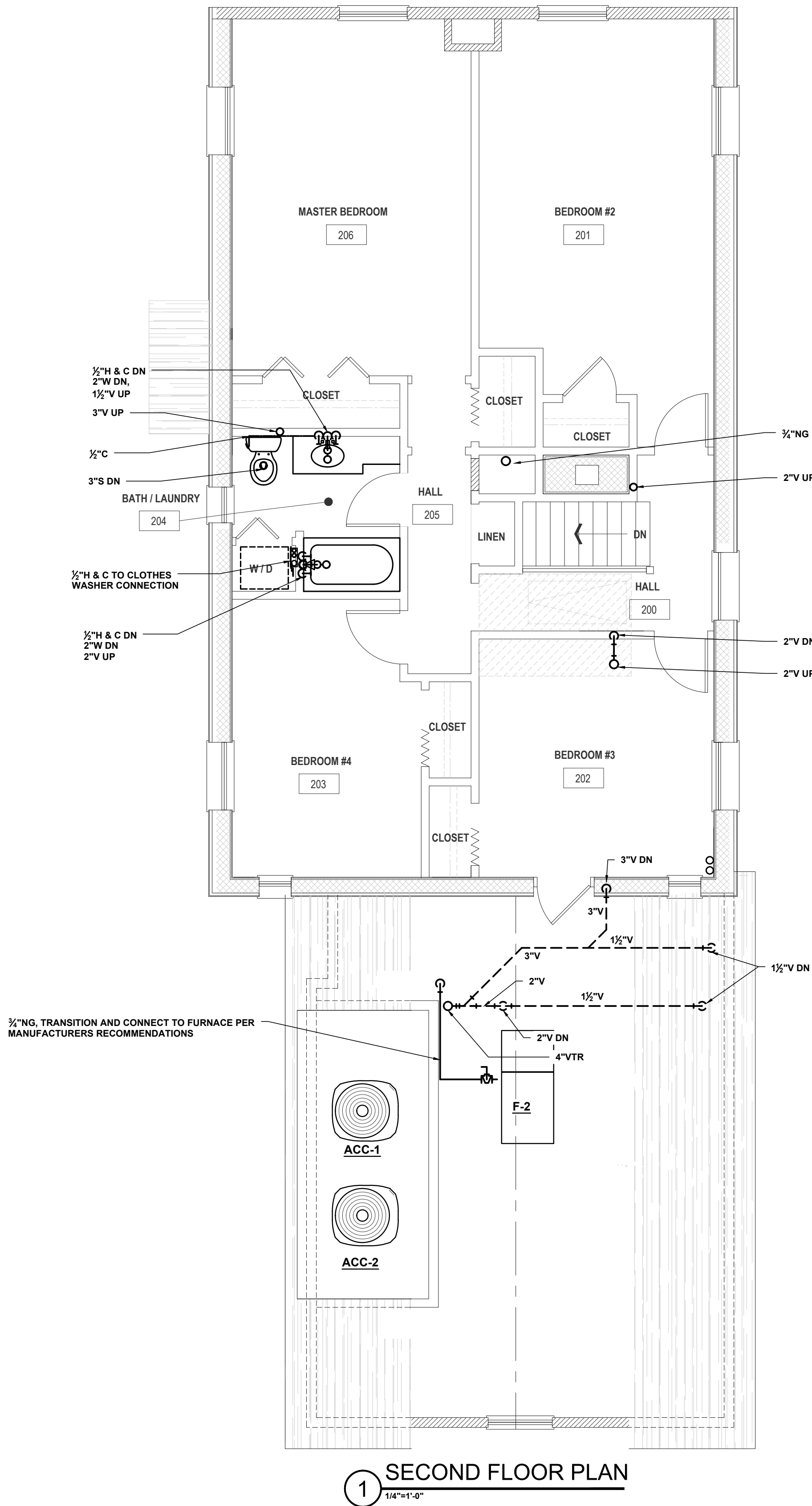
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Approved By: -

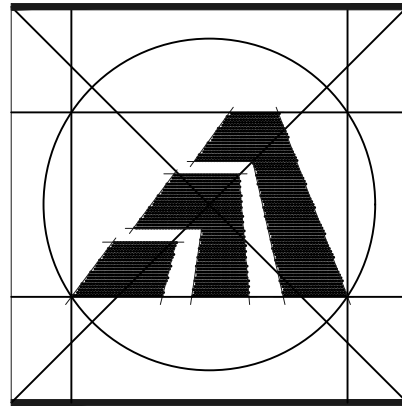
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P-1

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- NOTES:
1. INFORMATION SHOWN IS BASED UPON CASUAL FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
 2. PIPE ROUTING SHOWN IS SCHEMATIC IN NATURE. ACTUAL ROUTING SHALL BE COORDINATED WITH EXISTING UTILITIES AND OTHER TRADES PRIOR TO THE START OF WORK.
 3. DOMESTIC COLD WATER, SANITARY AND NATURAL GAS SERVICES TO BE ELEVATED ABOVE FLOOD LEVEL AND INSTALLED PER UTILITY AND LOCAL TOWN REQUIREMENTS, INCLUDING INSTALLATION OF A BACK FLOW VALVE IN THE SANITARY SEWER.
 4. CONTRACTOR SHALL DEMOLISH EXISTING BUILDING UTILITIES BACK TO SUIT INSTALLATION OF NEW UTILITIES SHOWN.
 5. PIPE 1/2"H&C VALVED BRANCHES TO EACH FIXTURE.



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Sheet Title:

PLUMBING PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

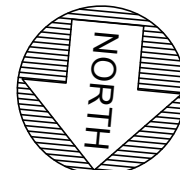
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:
Drawn By: JTF
Approved By: -

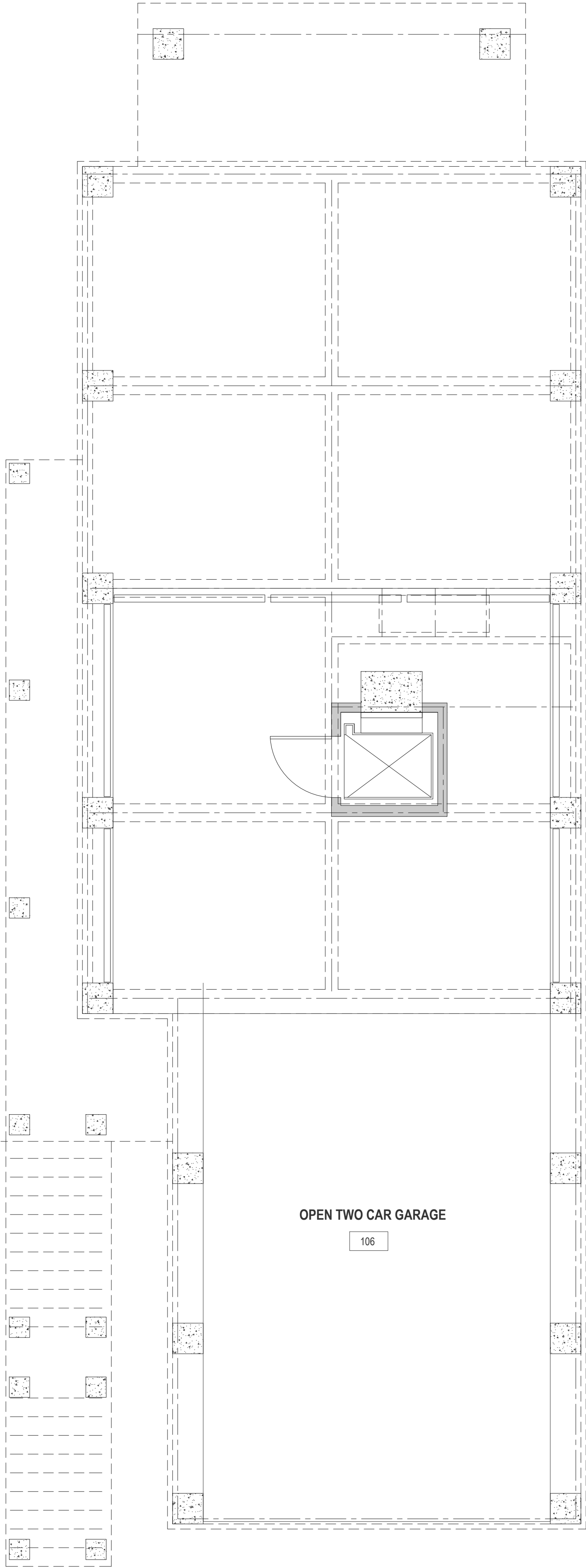
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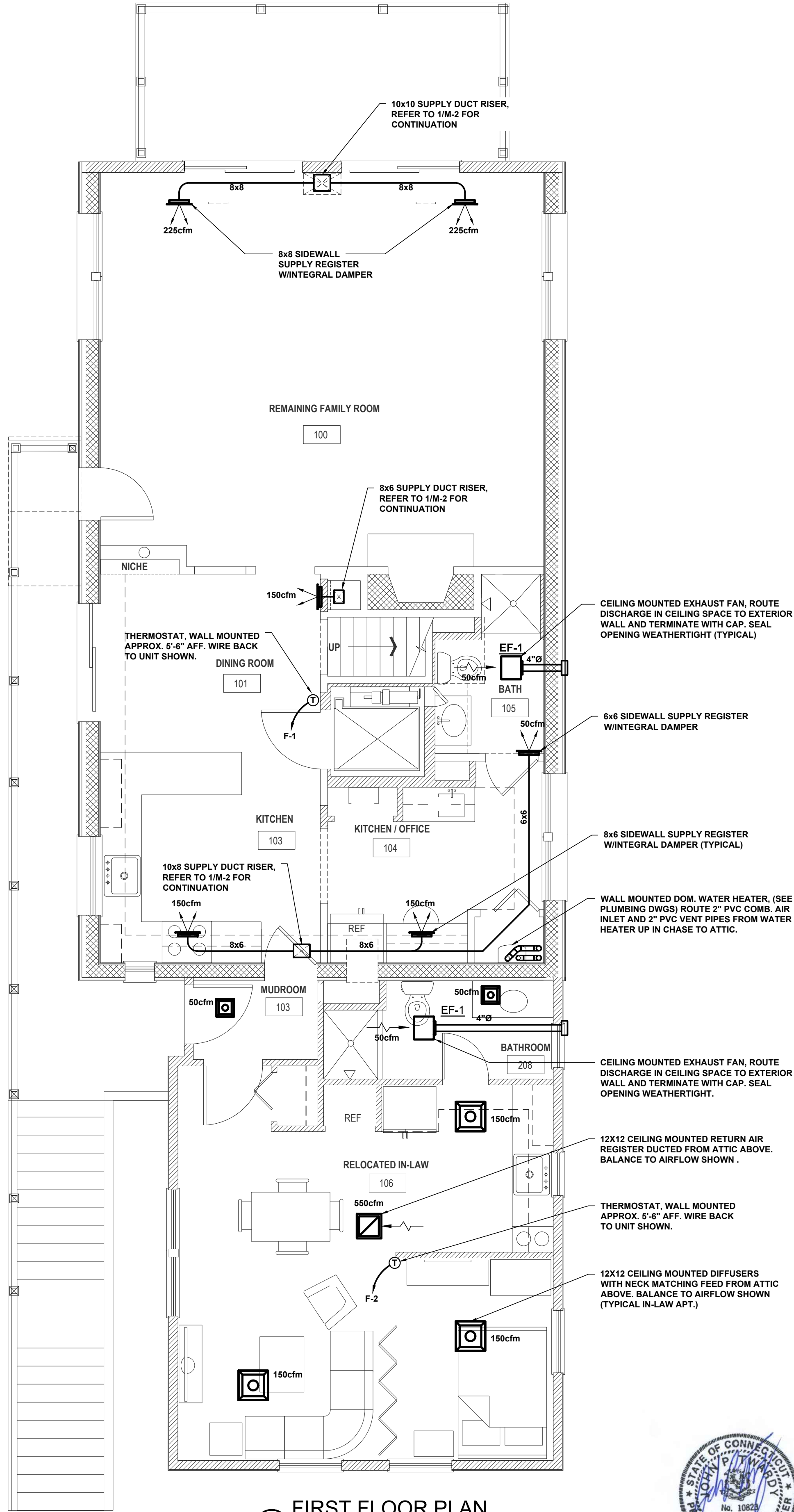


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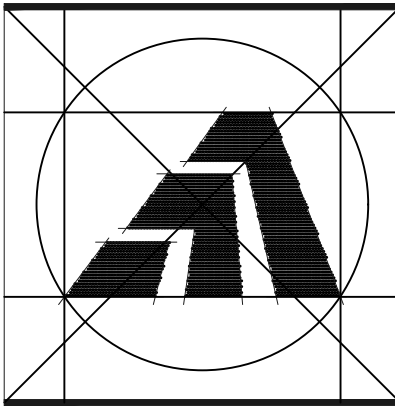
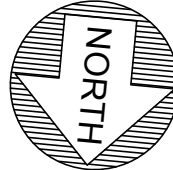
MECHANICAL SYMBOL LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
S/A	SUPPLY AIR		SUPPLY AIR OR OUTSIDE AIR FLOW	UD	UNDERCUT DOOR
R/A	RETURN AIR		RETURN AIR OR EXHAUST AIR FLOW	CUH	CABINET UNIT HEATER
O/A	OUTSIDE AIR		VOLUME DAMPER (VD)	ESP	EXTERNAL STATIC PRESSURE
EXH	EXHAUST AIR		REGISTER OR GRILLE		PIPE ELBOW TURNED UP
EF	EXHAUST FAN		DIFFUSER		PIPE ELBOW TURNED DOWN
AFF	ABOVE FINISHED FLOOR		R/A RECTANGULAR DUCT RISER		PIPE TEE UP
BOD	BOTTOM OF DUCT ELEVATION		S/A RECTANGULAR DUCT RISER		PIPE TEE DN
HX	HEAT EXCHANGER		R/A ROUND DUCT RISER		PIPE CAP
FD	FIRE DAMPER		S/A ROUND DUCT RISER		GATE VALVE
CFM	CUBIC FEET PER MINUTE		EXH ROUND DUCT RISER		BALL VALVE
C	COLD WATER (DOMESTIC)		THERMOSTAT		PRESSURE GAUGE W/SHUTOFF COCK
ACC	AIR-COOLED CONDENSER		MOTORIZED DAMPER		CHECK VALVE
RTU	PACKAGED ROOF TOP AC UNIT		BLIND FLANGE		CONTROL VALVE
VD	VOLUME DAMPER		TEMPERATURE SENSOR		SOLENOID VALVE
UH	UNIT HEATER		BALANCE VALVE		STRAINER
PF	PADDLE TYPE FAN		DRAIN VALVE		MANUAL AIR VENT
AC	AIR CONDITIONING		PIPE UNION		PIPE REDUCER
MAU	MAKE-UP AIR UNIT		STRAINER WITH BLOWDOWN		DIRECTION OF FLOW
CP	CONTROL PANEL		THERMOMETER		2-WAY CONTROL VALVE
HWS&R	HOT WATER SUPPLY & RETURN		LOUVERED DOOR		3-WAY CONTROL VALVE
P	PUMP				
UD	UNDERCUT DOOR				



1 FOUNDATION / CARPORT PLAN
1/4"=1'-0"



- NOTES:
1. INFORMATION SHOWN IS BASED UPON CASUAL FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
 2. CONTRACTOR TO COORDINATE WITH EXISTING UTILITIES AND OTHER TRADES PRIOR TO THE START OF WORK.



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Comm No. 01MH4.21

Sheet Title:

MECHANICAL PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:
Drawn By: JTF
Approved By: RJS

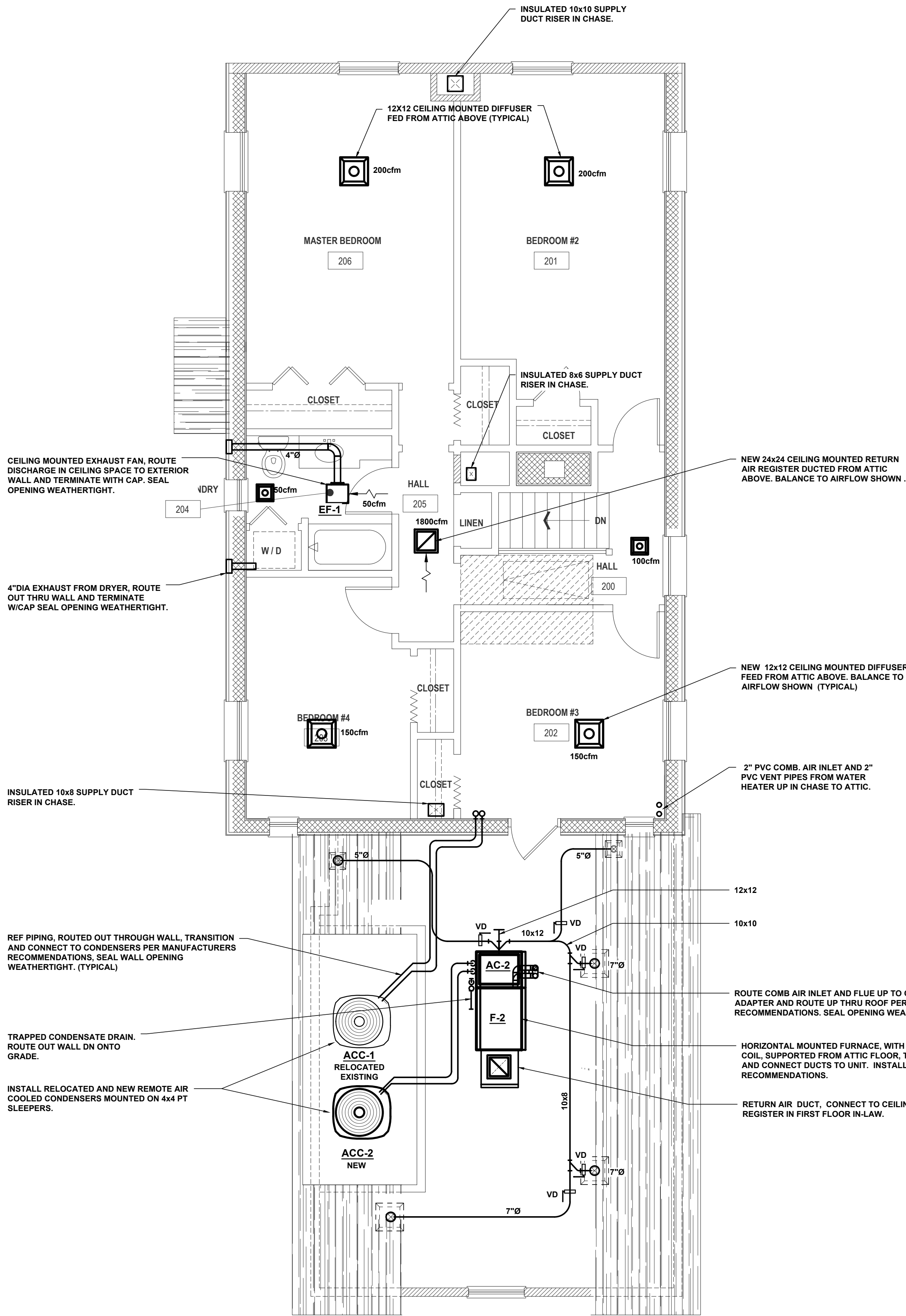
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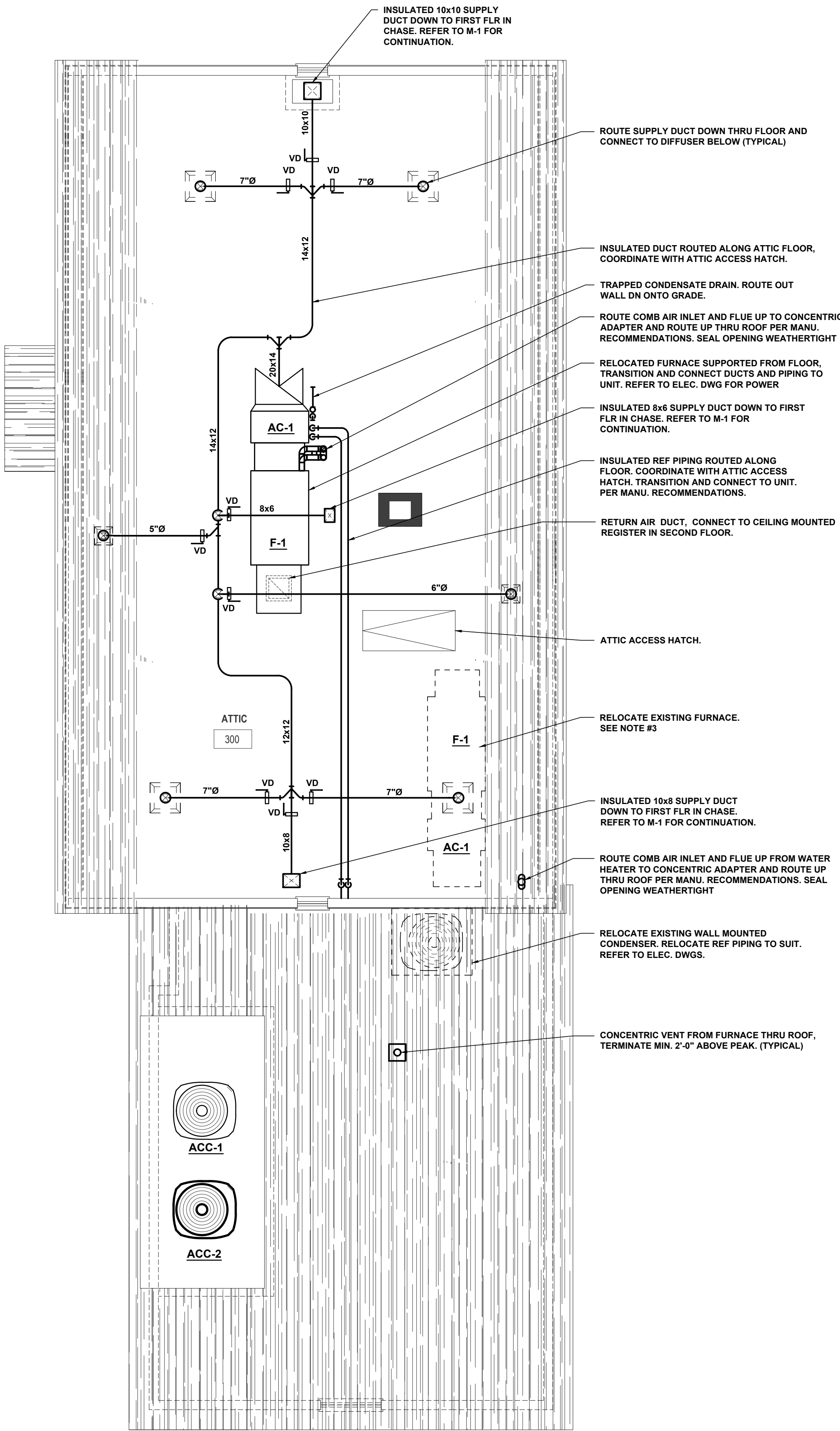
EXHAUST FAN SCHEDULE											
NUMBER	AIR FLOW (CFM)	STATIC PRESSURE	MOTOR SPEED	FAN SPEED	HP	ELEC	AREA SERVING	TYPE	SONES	MANU/MODEL	REMARKS
EF-1	60	0.25"W.G.	-	1166RPM	25W	120V/1PH	BATHROOMS	CEILING	0.3	PANASONIC MODEL FV-08VQL4	SEE NOTES 1, 2, & 3

NOTES:
1) MANU/MODEL LISTED ARE ONLY USED AS THE BASIS FOR DESIGN. REFER TO SPECIFICATIONS FOR LIST OF ACCEPTABLE MANU/MODELS.
2) PROVIDE ALL FANS WITH DISCONNECT SWITCHES, AND BACKDRAFT DAMPERS.
3) ALL FANS TO BE ENERGY STAR RATED.

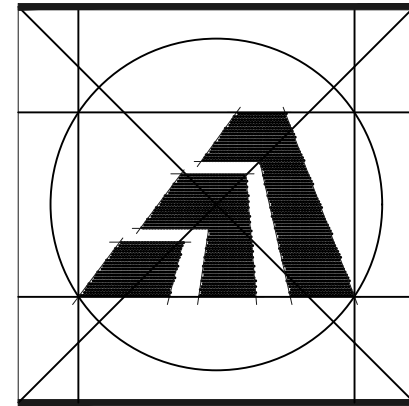


1 SECOND FLOOR PLAN
1/4\"=1'-0"

NOTES:
1. INFORMATION SHOWN IS BASED UPON CASUAL FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
2. CONTRACTOR TO COORDINATE WITH EXISTING UTILITIES AND OTHER TRADES PRIOR TO THE START OF WORK.
3. RELOCATE EXISTING FURNACE. REMOVE EXISTING DUCTWORK AND DUCT AS SHOWN. RELOCATE GAS PIPING TO SUIT NEW LOCATION. REMOVE COMB AIR/VENT PIPES, SEAL WALL OPENINGS. SEE ELEC. DWGS FOR POWER AND CONTROL WIRING.



2 ATTIC PLAN
1/4\"=1'-0"



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Sheet Title:

MECHANICAL PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

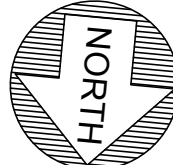
STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:
Drawn By: JTF
Approved By: RJS

Sheet Number:

M-2



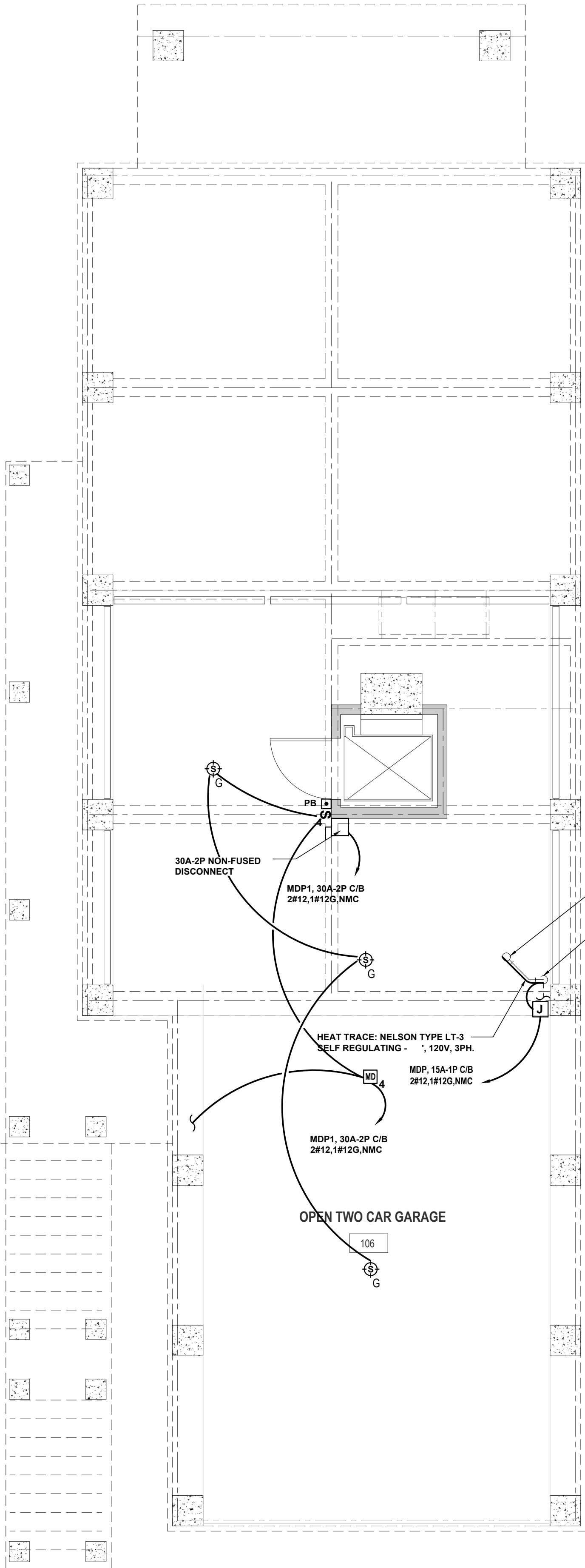
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ELECTRICAL FIXTURE KEY	
A, B	PENDANT LIGHT FIXTURE
C, G, L	SURFACE MOUNTED LIGHT FIXTURE
H1, H2	RECESSED CEILING LIGHT FIXTURE
D	WALL MOUNTED FLOOD LIGHT FIXTURE
E	EXTERIOR SURFACE LIGHT FIXTURE
F	EXTERIOR SURFACE LIGHT
I	EXHAUST FAN/LIGHT
J	WALL MOUNTED 2 LIGHT VANITY FIXTURE
K	RECESSED LED CEILING LIGHT FIXTURE
S	SINGLE POLE SWITCH
S ₃	THREE WAY SWITCH
S ₄	FOUR WAY SWITCH
S _{PS}	PULL SWITCH
⊖	DUPLEX RECEPTACLE
⊖	DUPLEX WITH GROUND FAULT INTERRUPTER
⊖	DUPLEX WATER PROOF GROUND FAULT INTERRUPTER
⊖	ARC FAULT INTERRUPTED DUPLEX RECEPTACLE
⊖	ARC FAULT INTERRUPTED DUPLEX RECEPTACLE TOP SWITCHED
⊖	QUADROPLEX RECEPTACLE
⊖	DEDICATED RECEPTACLE
⊖	DRYER RECEPTACLE
☎	TELEPHONE OUTLET / INTERNET OUTLET
TV	COAXIAL CABLE FOR TELEVISION
⬮	EXHAUST FAN
⬮	EXHAUST FAN/LIGHT
⬮	CEILING FAN
SD	SMOKE DETECTOR
CM	CARBON MONOXIDE DETECTOR
MDP	MAIN DISTRIBUTION PANEL
NMX	ROMEX
NOTE: WHERE OUTLETS ARE NOT SPECIFICALLY LOCATED ON THE DRAWINGS, PROVIDE MINIMUM NUMBER TO SATISFY LOCAL AND ALL GOVERNING CODES. LOCATE AS DETERMINED IN THE FIELD WITH THE ARCHITECT. WHERE OUTLETS ARE REQUIRED BY CODE AND INSTALLED WITHOUT SUCH SPECIFIC DIRECTION, LOCATE AS DIRECTED BY THE ARCHITECT.	
NOTE: COORDINATE FIXTURE LOCATION WITH FRAMING, HVAC PLANS AND INTERIOR DRAWINGS.	

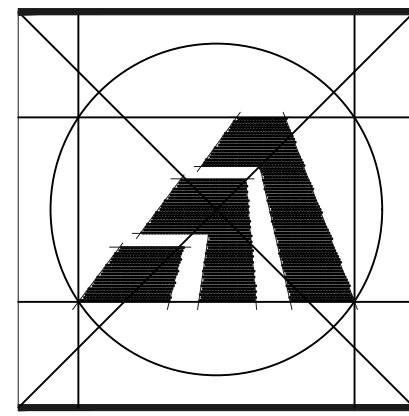
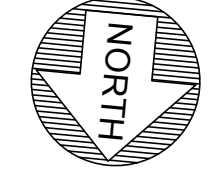
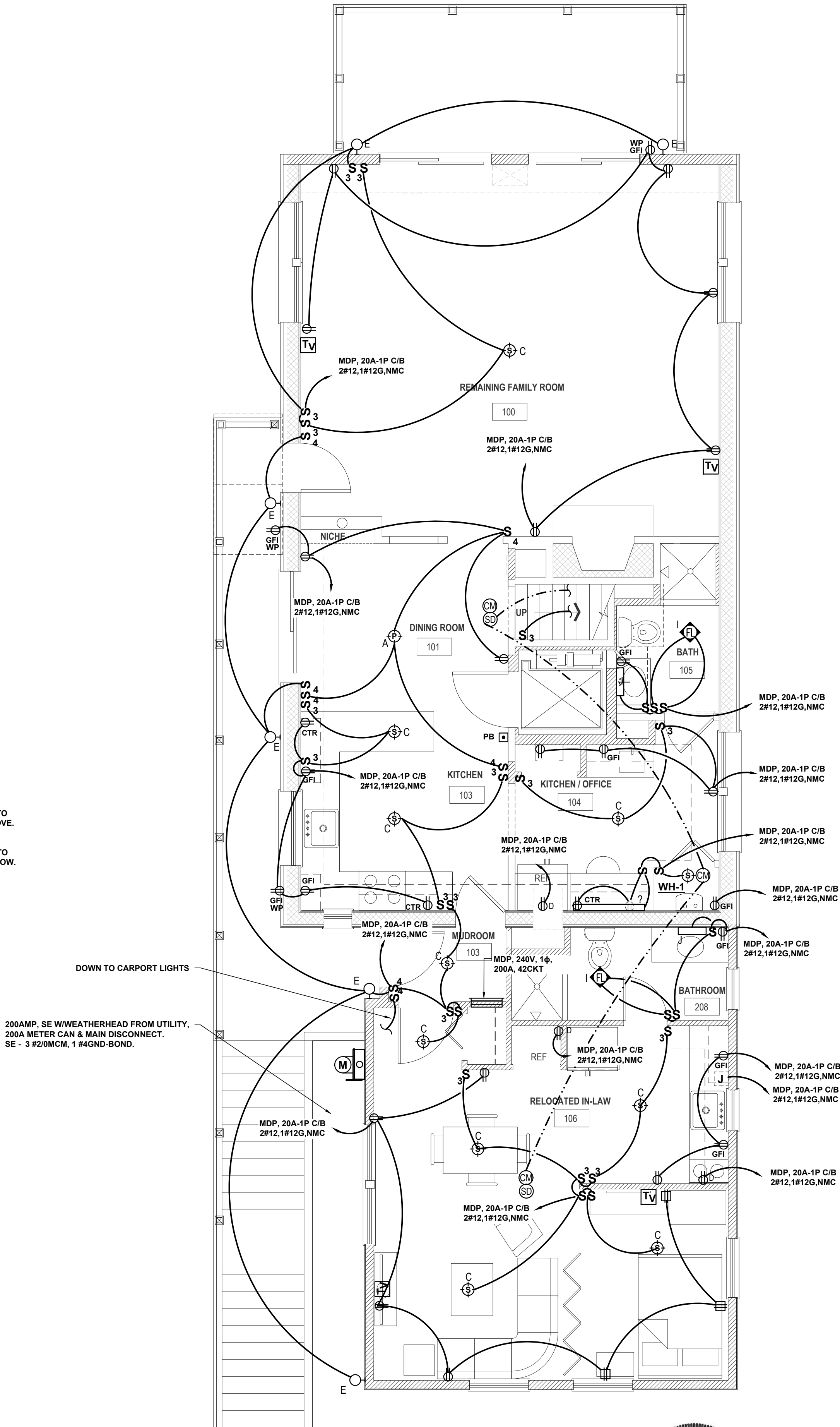
- NOTES:
- A/C EQUIPMENT IS ADD ALTERNATE BY OWNER.
 - SMOKE, SMOKE/CARBON MONOXIDE DETECTORS TO BE WIRED IN TANDEM (TYPICAL).

LUMINAIRE SCHEDULE					
SYMBOL	LABEL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP
⬮	A	PROGRESS LIGHTING	P5011-09	12"Ø INCANDESCENT PENDANT FIXTURE WITH BRUSHED NICKEL FINISH, PRE-WIRED WITH 1Ø OF WIRE UL-CUL LISTED	1 (m) 100w
⬮	B	PROGRESS LIGHTING	P5012-09	20"Ø INCANDESCENT PENDANT FIXTURE WITH BRUSHED NICKEL FINISH, PRE-WIRED WITH 1Ø OF WIRE UL-CUL LISTED	1 (m) 100w
⊖	C	KICHLER	8109	INCANDESCENT 2 LAMP FLUSH MOUNT INDOOR CEILING FIXTURE WITH BRUSHED NICKEL FINISH	2 60W
⬮	D	RAB LIGHTING	FF42QT/PCIES	EXTERIOR FLUORESCENT FLOOD LIGHT, DIE CAST ALUMINUM HOUSING, TEMPERED GLASS	42W TRIPLE
⬮	E	LITHONIA LIGHTING	OSC 13F-120-P-LP-WH	EXTERIOR FLUORESCENT WALL LIGHT, ALUMINUM HOUSING WITH WHITE ACRYLIC DIFFUSER, DUSK/DAWN PHOTOCELL	13W GU25BASE
⬮	F	QUORUM INTERNATIONAL	Q680-9	1 LIGHT OUTDOOR WALL SCONCE, BLACK OR WHITE FINISH, UL DAMP RATED	1 100W
⬮	G	QUORUM INTERNATIONAL	3009-3-65	SATIN NICKEL MODERN SINGLE FLUSH MOUNT CEILING FIXTURE, GLASS COVER, DAMP LOCATION RATED	1 60W
⬮	H1,2	PRESCOLITE	H1 - DBXQL H2 - LB6LEDA10L	RECESSED LED DOWN LIGHT MODULE WITH QUICKLINK LED DOWNLIGHT AIRSHIELD HOUSING	-
⬮	I	BROAN	QTXE110FLT	ULTRA-QUIET HIGH PERFORMANCE BATH FAN/LIGHT FIXTURE WITH MODERN STYLED GRILLE	2 18W GU24 W4W NIGHT LIGHT
⊖	J	SEA GULL	44061-962	2 LIGHT BATH VANITY FIXTURE IN BRUSHED NICKEL, SATIN WHITE GLASS, UL DAMP RATED	2 100W
⬮	K	WAC LIGHTING	HR-LED331-WT WITH - HR-LED309-NIC-W	RECESSED LED DOWN LIGHT WITH NEW CONSTRUCTION HOUSING	3 LEDS MAX 6W
⊖	L	SEA GULL	5326-962	SINGLE LIGHT BRUSHED NICKEL CEILING FIXTURE WITH WHITE GLASS DIFFUSER	A19 60W MAX.

1 FOUNDATION / CARPORT PLAN
1/4"=1'-0"



2 FIRST FLOOR PLAN
1/4"=1'-0"



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Comm No. 01MH4.21

Sheet Title:

ELECTRICAL PLANS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

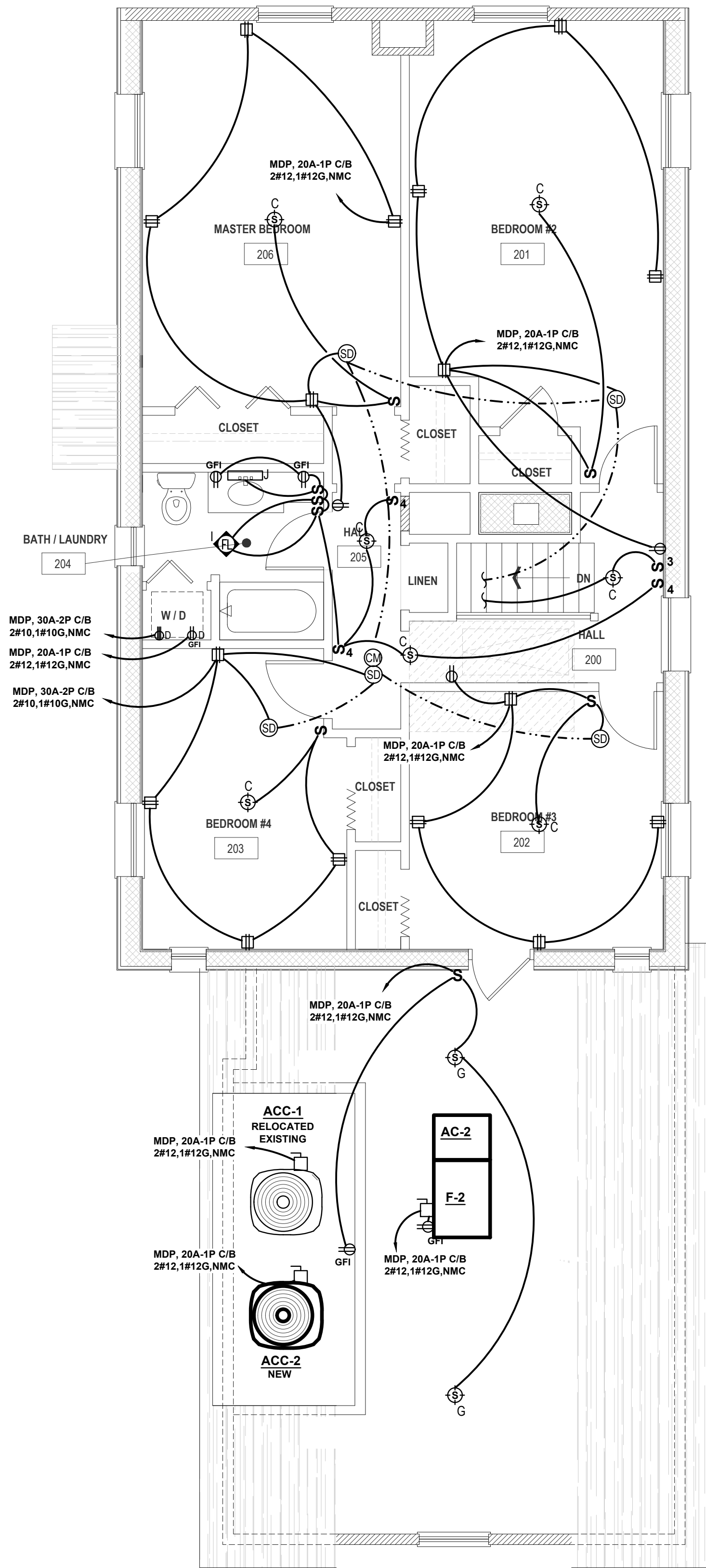
Date: 12-01-15

Job Number:
Drawn By: JTF
Approved By: JKH

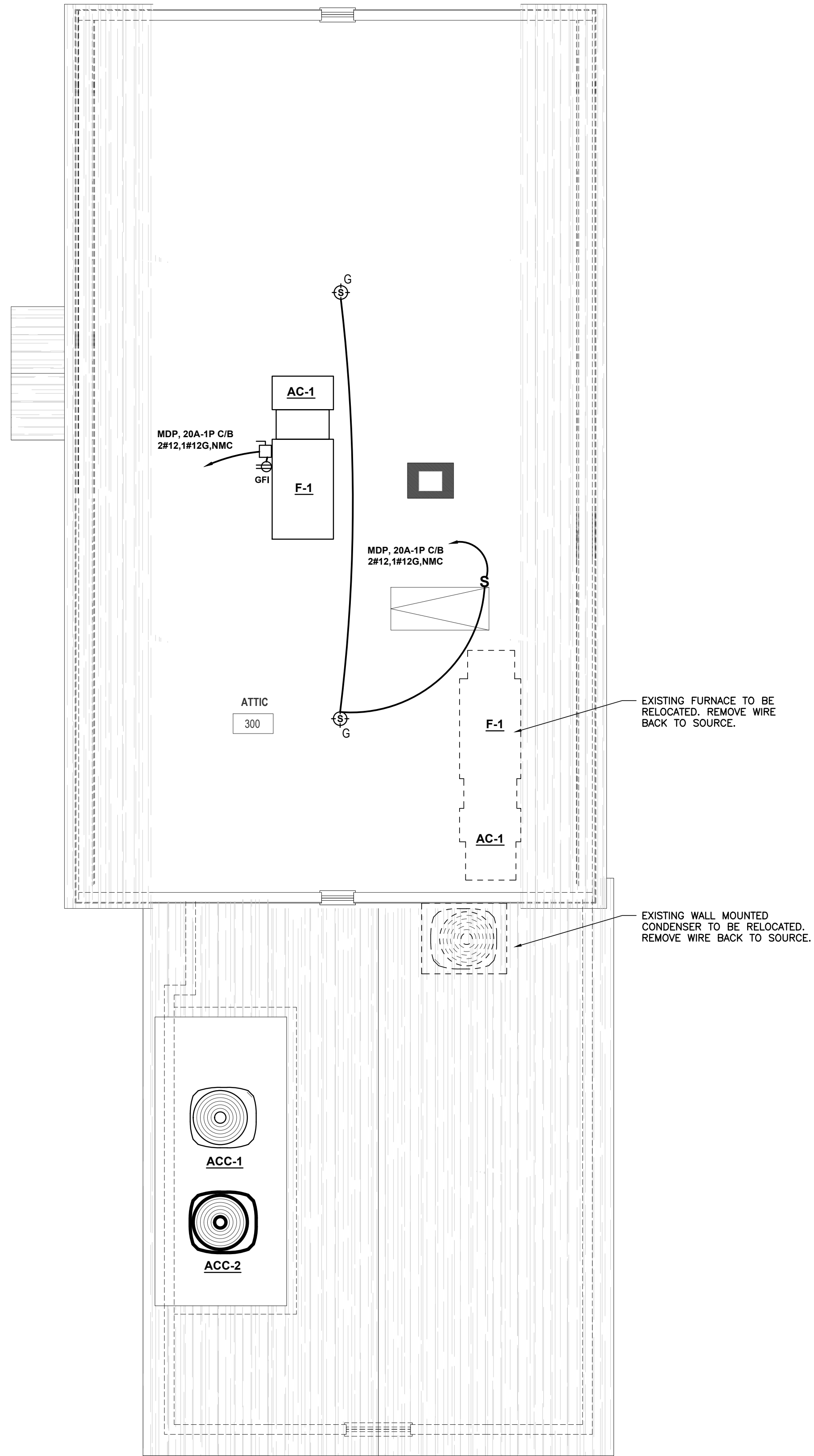
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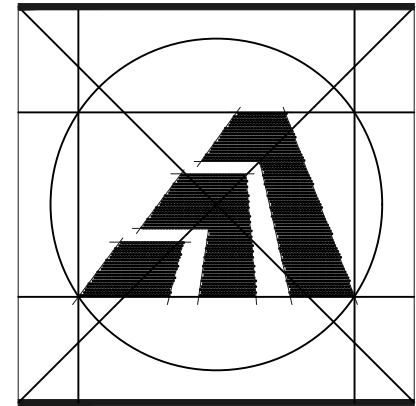
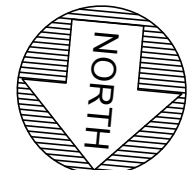
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1 SECOND FLOOR PLAN
1/4"=1'-0"



2 ATTIC PLAN
1/4"=1'-0"



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E-2

DIVISION 15000 - MECHANICAL

PART 1 - GENERAL

- 1.1 PIPE HANGERS AND SUPPORTS SHALL MEET THE REQUIREMENTS OF MSS SP-69 AND SP-89 DEVELOPED BY THE MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVES AND FITTINGS INDUSTRY INC.
- 1.2 SEISMIC SUPPORTS AND RESTRAINTS FOR EQUIPMENT, DUCTWORK AND PIPING SHALL MEET STATE BUILDING CODE REQUIREMENTS AND SMACNA SEISMIC RESTRAINT MANUAL GUIDELINES.
- 1.3 GENERAL PIPING REQUIREMENTS:
- A. ALL PIPING SHALL BE RUN PARALLEL TO THE LINE OF THE BUILDING.
- B. PITCH OF LINES SHALL BE UNIFORM AND TRUE WITH NO SAGS, POCKETS OR TRAPS. ECCENTRIC FITTINGS SHALL BE USED WHERE NECESSARY TO PROVIDE COMPLETE DRAINAGE.
- C. PROVIDE ISOLATION VALVES AT ALL CONNECTIONS TO FIXTURES AND ALL BRANCH TAKE-OFFS.
- D. PROVIDE MANUAL VENT VALVES AT ALL HIGH POINTS AND DRAIN VALVES AT ALL LOW POINTS.
- E. SCREWED PIPE JOINTS SHALL BE MADE WITH TEFLON PIPE THREAD TAPE OR APPROVED PIPE JOINT COMPOUND.
- 1.4 GENERAL DUCTWORK REQUIREMENTS:

- A. ALL DUCTWORK SHALL BE INSTALLED STRAIGHT AND PARALLEL TO LINE OF BUILDING AND SHALL BE SUBSTANTIALLY SUPPORTED AS REQUIRED BY SMACNA MANUALS.
- B. DUCT SIZES SHOWN SHALL BE STRICTLY FOLLOWED AND NO CHANGES IN SHAPE OR DIMENSIONS SHALL BE MADE BY THE CONTRACTOR WITHOUT FIRST OBTAINING APPROVAL FROM THE ENGINEER. WHERE DUCTS MUST BE OFFSET TO CLEAR STRUCTURAL MEMBERS AND, IF NECESSARY TO ALTER DIMENSIONS OF THE DUCTS, THIS MAY BE DONE PROVIDED THE CROSS-SECTIONAL AREA IS IN NO CASE REDUCED.
- C. ALL DUCT RUNS SHALL BE CHECKED FOR CLEARANCES BEFORE INSTALLATION OF ANY DUCTWORK. ABOVE HUNG CEILINGS, DUCT LOCATIONS AND ELEVATIONS MUST BE COORDINATED WITH WORK OF OTHER TRADES TO AVOID CONFLICTS WITH EXISTING DUCTWORK, PIPING, CONDUIT AND RECESSED FIXTURES. CLEARANCES BELOW DUCTS IN EQUIPMENT ROOMS AND AREAS WITHOUT HUNG CEILINGS MUST BE ADEQUATE FOR ACCESS AND MAINTENANCE OF EQUIPMENT.
- D. INSTALL FLEXIBLE DUCT CONNECTIONS AT INLET AND DISCHARGE DUCT CONNECTIONS TO FANS.
- E. INSTALL MINIMUM 10" X 12" ACCESS DOOR FOR INSPECTION IN DUCTS AT ALL DUCT MOUNTED ACCESSORIES, CONTROL COMPONENTS AND WHERE SHOWN ON THE DRAWINGS.
- 1.5 TESTING:
- A. ALL PIPING SYSTEMS INSTALLED UNDER THIS CONTRACT SHALL BE PRESSURE TESTED WITH CLEAN WATER, UNLESS NOTED OTHERWISE, TO INSURE TIGHTNESS.
1. HOT AND COLD WATER SUPPLY PIPING SHALL BE TESTED TO 150 PSIG.
2. DRAINAGE AND VENT PIPING SHALL BE TESTED TO 10 FOOT HEAD OF WATER.
3. GAS PIPING SHALL BE TESTED IN ACCORDANCE WITH NFPA 54. TEST PRESSURE SHALL BE 3 PSIG. TEST MEDIUM SHALL BE AIR, NITROGEN OR CARBON DIOXIDE.
4. REFRIGERATION PIPING SHALL BE TESTED TO 200 PSIG. TEST MEDIUM SHALL BE NITROGEN.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL PLUGS, PIPING, VALVES, HOSES, AND PUMPS NECESSARY FOR THE REQUIRED TESTS AND FOR PROPER DISPOSAL OF THE TEST MEDIUM UPON COMPLETION OF THE TESTS.

1.6 CLEANING OF THE PIPING SYSTEMS:

- A. UPON COMPLETION OF ALL WORK AND SATISFACTORY TESTING, ALL PIPING SYSTEMS (EXCEPT REFRIGERATION AND GAS PIPING) SHALL BE FLUSHED WITH WATER TO REMOVE DIRT, GRIT, CHIPS AND FOREIGN MATTER. GAS PIPING SHALL BE PURGED OF AIR IN ACCORDANCE WITH NFPA 54.
- B. WATER FOR FLUSHING SHALL BE USED IN SUFFICIENT QUANTITY TO PRODUCE A VELOCITY OF AT LEAST 2.5 FEET PER SECOND. FLUSHING SHALL CONTINUE UNTIL DISCHARGE WATER SHOWS NO DISCOLORATION OR EVIDENCE OF FOREIGN MATERIALS.
- C. DURING FLUSHING OPERATION, ALL VALVES SHALL BE OPERATED SEVERAL TIMES, BYPASSES OPENED AND EQUIPMENT FLUSHED.
- D. UPON COMPLETION OF FLUSHING OPERATIONS, ALL STRAINERS, FILTERS AND BLOWDOWNS SHALL BE REMOVED AND CLEANED OF ACCUMULATED WASTE.
- E. CARE SHOULD BE TAKEN TO INSURE THE COMPLETE REMOVAL OF ALL WATER FROM THE LINE OR SYSTEM AFTER TESTING. IF THERE IS ANY DANGER OF CONTAMINATION OR FREEZING, BLOW OUT THE FLUID WITH DRY, OIL-FREE AIR.

1.7 CLEANING AND STERILIZATION OF POTABLE WATER SYSTEM: PURGE OF DELETERIOUS MATTER AND DISINFECT PRIOR TO USE. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY HAVING JURISDICTION, OR, IN THE ABSENCE OF A PRESCRIBED METHOD, THE PROCEDURE DESCRIBED IN EITHER AWWA C652 OR AWWA C5186.

1.8 INSULATION FOR REFRIGERANT PIPING SHALL BE FLEXIBLE ELASTOMERIC CELLULAR, ARMSTRONG ARMAFLEX AP OR APPROVED EQUAL. SEAMS AND JOINTS SHALL BE SEALED WITH MANUFACTURERS ADHESIVE. ALL INSULATION SHALL BE FINISHED WITH MANUFACTURERS FINISH. INSULATION THICKNESS AT SUNCTION LINE AND LIQUID LINE SHALL BE 1-1/2".

1.9 PIPE INSULATION SHALL BE RIGID, HEAVY DENSITY, PREFORMED GLASS FIBER, WITH ALL SERVICE JACKET. JACKET SHALL HAVE PRESSURE SENSITIVE TAPE CLOSURE. BUTT JOINTS SHALL HAVE 3" WIDE TAPE OF SAME MATERIAL. VALVES AND FITTINGS SHALL BE INSULATED WITH ZESTON, OR APPROVED EQUAL, INSULATED PVC, ONE-PIECE, SNAP-TYPE COVERS AND ZESTON 1 1/2" Z-TAPE, 10 MIL. EXTERIOR INSULATED PIPES SHALL HAVE ALUMINUM JACKET. INSULATION THICKNESS AS FOLLOWS:

SYSTEM INSULATION THICKNESS

- A. DOMESTIC WATER EXTERIOR TO BLDG ENVELOPE 2"
- B. DOMESTIC COLD WATER 1-1/2"
- C. DOMESTIC HOT WATER AND TEMPERED HW 1-1/2"

1.10 PIPE IDENTIFICATION:

- A. ALL PIPING SHALL BE IDENTIFIED WITH NAME AND FLOW DIRECTION ARROWS. MARKERS SHALL BE PLACED EVERY 40 LINEAL FEET ON STRAIGHT RUNS, AT CHANGES IN DIRECTION, AND AT WALL PENETRATIONS (BOTH SIDES).
- B. PIPE MARKERS SHALL BE EQUAL TO SETMARK, AS MANUFACTURED BY SETON NAMEPLATE CO.
1. TEXT AND BACKGROUND COLORS SHALL FOLLOW ANSI A13.1.
- 1.10 DUCT INSULATION:
- A. MATERIALS SHALL BE MANVILLE, OWENS-CORNING, CERTAINTED OR APPROVED EQUAL.
- B. INSULATION FOR SUPPLY AND RETURN AIR DUCTWORK SHALL BE 1-1/2", 1 LB. NOMINAL DENSITY FIBERGLASS BLANKET WITH FSK JACKET APPLIED AS RECOMMENDED BY THE MANUFACTURER.

PART 2 - PLUMBING

- 2.1 WATER PIPING: SHALL BE TYPE L HARD DRAWN COPPER TUBING CONFORMING TO ASTM B88, WITH ASME B16.22 WROUGHT COPPER FITTINGS, ASTM B32 SOLDER GRADE 95TA JOINTS, HEX PIPING WITH ASSOCIATED FITTINGS ALLOWED FOR INDIVIDUAL RUNOUTS FROM HEADER.
- 2.2 BURIED DRAINAGE PIPING: SANITARY AND VENT PIPING SHALL BE CENTRIFUGALLY SPUN, BELL AND SPIGOT, SERVICE WEIGHT, CAST IRON PIPE, TAR COATED CONFORMING TO ASTM A74. FITTINGS SHALL BE MADE OF SAME MATERIAL AS PIPE AND BE COMPATIBLE WITH IT. JOINTS SHALL BE MADE USING NEOPRENE RUBBER GASKET FOR PUSH-ON JOINTING.
- 2.3 ABOVE GROUND DRAINAGE PIPING: SANITARY AND VENT PIPING SHALL BE CENTRIFUGALLY SPUN, BELL AND SPIGOT, SERVICE WEIGHT "NO HUB" CAST IRON PIPE, TAR COATED, CONFORMING TO ASTM A74. FITTINGS SHALL BE MADE OF SAME MATERIAL AS PIPE AND SHALL BE COMPATIBLE WITH IT. JOINTS SHALL BE MADE USING NEOPRENE SEALING SLEEVE AND A 4-BAND STAINLESS STEEL SHIELD WITH TIGHTENING DEVICE.
- 2.4 NATURAL GAS PIPING: NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL CONFORMING TO ASTM A53. FITTINGS SHALL BE 150 LB MALLEABLE IRON SCREWED CONFORMING TO ASTM B16.3. JOINTS SHALL BE THREADED OR WELDED IN ACCORDANCE WITH ANSI B31.2 AND NFPA 54.
- 2.5 VALVES SHALL BE AS FOLLOWS:
- A. BALL VALVES: 2" AND SMALLER - JAMESBURY CLINCHER SERIES 2000.
- B. PLUG VALVES: 2" AND SMALLER - DEZURIK SERIES 100.
- 2.6 WATER HAMMER ARRESTERS: TYPE "K" HARD DRAWN COPPER BARREL, BRASS PISTON AND THREADED ADAPTER, NORMAL OPERATING PRESSURE: 35 TO 260 PSIG. WATER HAMMER ARRESTERS SHALL BE PRECISION PLUMBING PRODUCTS INC., SC SERIES, MODEL SC500 OR EQUAL.
- 2.7 PLUMBING FIXTURES (OR APPROVED EQUAL):

- A. WATER CLOSET: VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL, WHITE, LOW CONSUMPTION 1.6 GPF, AMERICAN STANDARD MODEL: 2214B.004 WITH AMERICAN STANDARD MODEL 524.019 WHITE SEAT.
- B. LAVATORY: ENAMEL STEEL, WHITE, 4" CENTERS, AMERICAN STANDARD MODEL 3004.207. PROVIDE CHROME FINISHED, SINGLE LEVER HANDLE FAUCET, AMERICAN STANDARD MODEL 2175.502 WITH 1.5 GPM AERATOR, SUPPLIES AND 1-1/4" TAILPIECE WITH POP-UP DRAIN.
- C. SHOWER/TUB: 60"x32"x72", ONE-PIECE, WHITE, SOLID SURFACE, AQUARIUS MODEL G-6004-TS. PROVIDE CHROME FINISHED SYMMONS ALLURA MODEL S-4702 TUB/SHOWER SYSTEM WITH SYMMONS TEMPTROL PRESSURE BALANCING, DIAPHRAGM TYPE MIXING VALVE WITH 2.0 GPM FLOW RESTRICTOR, DIVERTERVOLUME CONTROL AND TUB SPOUT.
- D. KITCHEN SINK: COUNTER MOUNTED, SELF-RIMMING, 18 GA. STAINLESS STEEL, SINGLE HOLE, JUST MODEL SLX-2225-A-GR. PROVIDE SINGLE HANDLE, PULL OUT SPRAY, CHROME FINISHED FAUCET, JUST MODEL JPO-1900 WITH 2.2 GPM AERATOR, JUST MODEL JB-99 DRAIN WITH STRAINER AND 1-1/2" TAILPIECE.
- E. CLOTHES WASHER CONNECTION: SYMMONS MODEL W-602 WITH BRASS WATER CONTROL VALVES AND DRAIN.
- F. SHOWER: FLOOR MOUNTED, WHITE ONE-PIECE GELCOATED FIBERGLASS STAL WITH 10"X10" WALL SURROUND AND CENTER DRAIN - OASIS LEGACY MODEL SH-3. PROVIDE WITH SYMMONS TEMPTROL PRESSURE BALANCING, DIAPHRAGM MIXING VALVE WITH 2.0 GPM FLOW RESTRICTOR, VOLUME CONTROL AND SHOWER HEAD.

2.8 PLUMBING EQUIPMENT

- A. DOMESTIC WATER HEATER SHALL BE ENERGY STAR RATED, PACKAGED, WALL MOUNTED, NATURAL GAS-FIRED, TANKLESS, ULTRA HIGH EFFICIENCY (0.98 ENERGY FACTOR), CONDENSING TYPE, NAVIEN MODEL NPE-180S OR APPROVED EQUAL. PROVIDE WITH INTEGRAL DDC CONTROLS, FULLY MODULATING BURNER WITH DIRECT SPARK IGNITION, DUAL STAINLESS STEEL HEAT EXCHANGERS, GAS VALVE WITH SAFETIES, PLUMB EASY VALVE SET, DIRECT VENT WITH OUTDOOR VENT KIT AND CONDENSATION NEUTRALIZATION KIT. HEATER SHALL BE DESIGNED FOR USE WITH 115V/1-PHASE POWER. CAPACITY SHALL BE 15,000 TO 150,000 BTUH WITH AN ENERGY FACTOR OF 0.98.
- B. WATER HEATER FLUE AND COMBUSTION AIR INTAKE SHALL BE SCHEDULE 40 PVC WITH SOLVENT WELD FITTINGS.

PART 3 - HVAC

- 3.0 FURNACE F-1 AND ASSOCIATED COOLING EQUIPMENT ARE EXISTING TO BE RELOCATED.
- 3.1 FURNACE F-2
- A. HORIZONTAL (UPFLOW), 95% AFUE, ENERGY STAR RATED, TWO-STAGE, NATURAL GAS-FIRED, DIRECT VENTED, MULTI-SPEED ECM BLOWER MOTOR, AMERICAN STANDARD GOLD XI SERIES, MODEL AUM11B040AH21B, MAXIMUM CAPACITY 38,000 BTUH. PROVIDE WITH CONCENTRIC VENT ADAPTER KIT MODEL BAY4R03AVENTA.
- B. COOLING COIL: CASED HORIZONTAL, SPLIT SYSTEM, MATCHED TO FURNACE, AMERICAN STANDARD 4TXC SERIES.
- C. REMOTE AIR-COOLED CONDENSER: R-410A BASED, MINIMUM 16 SEER, DESIGNED FOR USE WITH SPECIFIED GAS-FIRED FURNACE, GOLD XI SERIES, AMERICAN STANDARD MODEL 4A7A6018.

3.2 EXHAUST FANS:

- A. EF-1: ENERGY STAR RATED, LOW NOISE, CEILING MOUNT TYPE, FAN SHALL BE VARIABLE SPEED, DIRECT DRIVE, BRUSHLESS DC MOTOR, ACOUSTICALLY INSULATED AND AMCA CERTIFIED. PROVIDE FAN WITH CEILING GRILLE, 32-WATT FLUORESCENT LIGHT AND 4-WATT NIGHT LIGHT. NOISE LEVEL SHALL BE LESS THAN 1 SONE AT HIGH SPEED. FAN SHALL BE PANASONIC WHISPER-LITE SERIES MODEL FV-08VQL4.

3.4 PIPING

- A. REFRIGERANT PIPING SHALL BE TYPE L ACR COPPER TUBING WITH WROUGHT COPPER FITTINGS AND 95/5 SOLDERED JOINTS.
- 3.5 DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS. PROVIDE TURNING VANES WHERE SQUARE ELBOWS ARE USED, ACCESS DOORS AT ALL DUCT MOUNTED CONTROL DEVICES AND VOLUME DAMPERS AS REQUIRED FOR PROPER BALANCING OF THE SYSTEM. FLEXIBLE DUCT SHALL BE THERMAFLEX MODEL M-KF WITH 1 1/2" INSULATION, UL 161 LISTING AND MAXIMUM LENGTH OF 8'-0".
- 3.6 DIFFUSER, REGISTERS AND GRILLES
- A. SUPPLY DIFFUSERS SHALL BE TITUS MODEL TMSA OF STEEL CONSTRUCTION WITH MODEL AG-75 OPPOSED BLADE DAMPER AND ADJUSTABLE LOUVER VANES. SIZE AND CAPACITY AS NOTED ON THE DRAWINGS.
- B. SUPPLY REGISTERS SHALL BE TITUS MODEL 272RS OF STEEL CONSTRUCTION WITH MODEL AG-35 OPPOSED BLADE DAMPER AND ADJUSTABLE VANES IN THE HORIZONTAL AND VERTICAL DIRECTIONS. SIZE AND CAPACITY AS NOTED ON THE DRAWINGS.
- C. RETURN AIR GRILLES SHALL BE TITUS MODEL 50F EGG-CRATE TYPE WITH 1/2" ALUMINUM GRID (AND OPPOSED BLADE DAMPER). SIZE AND CAPACITY AS NOTED ON THE DRAWINGS.

DIVISION 1600 - ELECTRICAL

WORK INCLUDED - THE WORK TO BE PROVIDED UNDER THIS DIVISION INCLUDES:

A. FEEDERS AND PANELS.

B. POWER WIRING FOR MECHANICAL AND PLUMBING EQUIPMENT.

SCOPE - THIS WORK SHALL CONSIST OF THE FURNISHING OF ALL LABOR, MATERIALS AND SERVICES REQUIRED FOR COMPLETE, READY FOR CORRECTION OPERATION, ALL ELECTRICAL WORK CALLED FOR BY THE ACCOMPANYING DRAWINGS AND SPECIFICATIONS. ALL ELECTRICAL SHALL BE PERFORMED IN ACCORDANCE WITH THE 2011 NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES.

PERMITS, FEES AND INSPECTIONS - THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS, PAY ALL GOVERNMENTAL AND STATE SALES TAXES AND FEES APPLICABLE. THE CONTRACTOR SHALL FILE ALL DRAWINGS, AND OBTAIN ALL NECESSARY APPROVAL FROM PROPER AUTHORITY OR AGENCY HAVING JURISDICTION, OBTAIN ALL REQUIRED CERTIFICATES OF INSPECTION COVERING HIS WORK. THE CONTRACTOR SHALL SEE THAT ALL REQUIRED INSPECTIONS AND TESTS ARE MADE AND SHALL COOPERATE TO MAKE THESE TESTS AS THOROUGH AND AS READILY MADE AS POSSIBLE.

COORDINATION - ALL WORK SHALL BE CARRIED OUT IN CONJUNCTION WITH OTHER TRADES AND FULL COOPERATION SHALL BE GIVEN IN ORDER THAT ALL WORK MAY PROCEED WITH A MINIMUM OF DELAY AND INTERFERENCE.

GUARANTEES - ALL WORKMANSHIP AND MATERIALS SHALL BE FULLY GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL COMPLETION OF THE ENTIRE INSTALLATION COVERED BY THIS CONTRACT. SHOULD ANY DEFECTS OCCUR DURING THIS GUARANTEE PERIOD, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DEFECTIVE EQUIPMENT, MATERIALS AND/OR WORK WITHOUT COST TO THE OWNER.

TEMPORARY LIGHT AND POWER - FURNISH AND INSTALL TEMPORARY ELECTRICAL POWER AND LIGHTING FOR USE BY ALL CONTRACTORS DURING THE COURSE OF CONSTRUCTION. ALL TEMPORARY WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE ARTICLES IN THE NATIONAL ELECTRICAL CODE, O.S.H.A. AND WITH ALL REQUIREMENTS OF ANY AUTHORITIES HAVING JURISDICTION OVER WORK.

MATERIALS AND WORKMANSHIP - ALL MATERIALS AND APPARATUS REQUIRED FOR THE WORK EXCEPT AS OTHERWISE SPECIFIED, SHALL BE NEW AND OF FIRST-CLASS QUALITY AND SHALL BE FURNISHED, DELIVERED, ERECTED, CONNECTED AND FINISHED IN EVERY DETAIL AND SO SELECTED AND ARRANGED AS TO FIT PROPERLY INTO THE BUILDING SPACES. WHERE NO SPECIFIC KIND OR QUALITY OF MATERIAL IS GIVEN, A FIRST-CLASS STANDARD ARTICLE AS ACCEPTED BY THE ARCHITECT SHALL BE FURNISHED. ALL EQUIPMENT AND MATERIALS SHALL BE SPECIFICATION GRADE AND BEAR THE UNDERWRITERS LABEL. ALL WORK SHALL BE OF A QUALITY CONSISTENT WITH GOOD TRADE PRACTICE AND SHALL BE INSTALLED IN A NEAT, WORKMANLIKE MANNER. THE ARCHITECT RESERVES THE RIGHT TO REJECT ANY WORK WHICH, IN HER OPINION, HAS BEEN INSTALLED IN A SUBSTANDARD, DANGEROUS OR UNSERVICEABLE MANNER. THE CONTRACTOR SHALL REPLACE SAID WORK IN A SATISFACTORY MANNER AT NO EXTRA CHARGE TO THE OWNER.

PENETRATION SEALANT - ALL PENETRATIONS SHALL BE SEALED WITH 3M INTUMESCENT FIRE BARRIER PENETRATION SEALANT, APPLIED PER MANUFACTURERS AND U.L. GUIDELINES.

MATERIALS:

GENERAL - ALL MATERIALS AND EQUIPMENT PROVIDED UNDER THIS SECTION SHALL BE NEW, FIRST GRADE, BEST OF THEIR SECTION AND SHALL MEET THE REQUIREMENTS OF ALL STANDARDS SET UP TO GOVERN THE MANUFACTURE OF ELECTRICAL MATERIALS AND COMPLY WITH ALL APPLICABLE CODES AND STANDARDS. ALL EQUIPMENT AND MATERIALS SHALL BE SPECIFICATION GRADE AND BEAR UNDERWRITERS (U.L.) LABEL.

POWER - FROM UTILITY AT 240/120V, 1 PHASE, 3 WIRE IS AVAILABLE FROM EXISTING UTILITY METER AND METER CAN AS SHOWN ON THE DRAWINGS

WIRE - CONDUCTORS SHALL BE U.L. LISTED, 600 VOLTS, 90 DEG. C., SINGLE CONDUCTOR TYPE THWN/THHN, 98% CONDUCTIVITY ANNEALED UNCOATED COPPER WITH PVC INSULATION COVERED WITH NYLON SHEATH JACKET. TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES STANDARD 83. WIRE SHALL BE IDENTIFIED BY SURFACE MARKING, INDICATING MANUFACTURERS IDENTIFICATION, CONDUCTOR SIZE AND METAL, VOLTAGE RATING, U.L. SYMBOL AND TYPE DESIGNATION. CONDUCTORS SHALL BE STRANDED. MINIMUM SIZE SHALL BE #12AWG UNLESS OTHERWISE INDICATED. MANUFACTURED BY ESSEX, ROME CABLE, TRIANGLE CABLE OR GENERAL CABLE.

NON METALLIC SHEATHED CABLE - TYPE - NM-B CABLE SHALL BE OF MAXIMUM OPERATING VOLTAGE: 600 VOLTS, MAXIMUM CONDUCTOR OPERATION, TEMPERATURE: 90°C DRY (CONDUCTOR AMPACITY IS LIMITED TO 60°C, IN ACCORDANCE WITH NEC).

ARMORED CABLE (AC) - ARMORED CABLE SHALL BE OF GALVANIZED STEEL INTERLOCKING ARMOR CONSTRUCTION. COLOR CODED THERMOPLASTIC INSULATED COPPER CONDUCTORS, 90 DEG. C, 600 VOLTS. CONDUCTOR SIZES SHALL BE AS INDICATED ON THE DRAWINGS. IF NOT INDICATED, THE SIZES OF POWER AND LIGHTING CONDUCTORS SHALL NOT BE LESS THAN SIZE #12AWG. MANUFACTURED BY AMERICAN FLEXIBLE CONDUIT, TRIANGLE OR SOUTHWIRE. CONNECTORS SHALL BE SQUEEZE TYPE, DIE CAST ZINC, OR MALLEABLE IRON - CADMIUM PLATED, MANUFACTURED BY O-Z GEDNEY, APPLETON OR THOMAS-BETTS.

FITTINGS - CONDUIT STRAPS SHALL BE SNAP-TYPE, DOUBLE RIBBED STEEL -ZINC PLATED, METAL CLAD CABLE AND FLEXIBLE METALLIC CONDUIT CONNECTORS SHALL BE MALLEABLE IRON-ZINC PLATED, MALE HUB THREADS WITH LOCKNUT.

BOXES - RECESSED OUTLET BOXES SHALL BE DRAWN STEEL, GALVANIZED WITH A MINIMUM DEPTH OF 1-1/2 INCHES. MINIMUM SIZE SHALL BE 4 INCH X 4 INCH SQUARE. PROVIDE AND INSTALL PLASTER RINGS AS REQUIRED. OUTLET BOXES FOR SURFACE MOUNTED SWITCHES AND RECEPTACLES SHALL BE TYPE FD, CAST FERROALLOY WITH THREADED HUBS. PROVIDE GASKETED COVER AS REQUIRED.

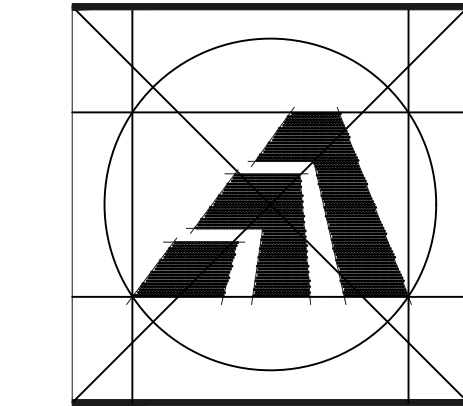
SWITCHES - SPECIFICATION GRADE, 120-277VAC, 20 AMP, SINGLE POLE. COLOR SHALL BE (IVORY) (GRAY) (WHITE) (BROWN) (RED). RECEPTACLE AND SWITCH COVER PLATES SHALL BE (SMOOTH THERMOPLASTIC) (STAINLESS STEEL 302) (IVORY) (RED) (LABELED EMERGENCY) (WHERE INDICATED).

PANELBOARDS - PANELBOARDS: NEMA PB 1, CIRCUIT BREAKER TYPE, USE EXISTING PANEL AND EXISTING CIRCUIT BREAKER NOTED IN PANEL FOR BOILER CIRCUIT.

IDENTIFICATION - PROVIDE AND INSTALL MARKERS FOR ALL CONDUITS, MARKERS SHALL BE "BRADY" TYPE. ADHESIVE-BACKED, PLASTIC-FACED OF SUITABLE COLOR. MARKER SHALL IDENTIFY SYSTEM AND ELECTRICAL CHARACTERISTICS. INSTALL MARKERS AT POINT OF ORIGIN, TERMINATION, ADJACENT TO EACH INTERMEDIATE SPLICE, AND ALL BOXES IN RUN. IDENTIFY ALL CONDUCTORS AT ORIGIN, TERMINATION AND AT INTERMEDIATE BOXES BY MEANS OF "BRADY" TYPE, PRESSURE SENSITIVE, PLASTIC COATED FACE, STICK-ON LABELS EXCEPT FEEDERS SHALL HAVE PHENOLIC TAGS ENGRAVED WITH CIRCUIT DESIGNATIONS AND ATTACHED WITH PLASTIC TIE-WRAPPS.

TESTING - UPON COMPLETION OF HIS WORK, CONTRACTOR SHALL CONDUCT (WITH OTHER RELATED CONTRACTORS) OPERATING TESTS OF ALL ELECTRICALLY OPERATED OR CONTROLLED EQUIPMENT FOR APPROVAL AT SUCH TIME AS THE OWNER MAY DIRECT. EQUIPMENT SHALL OPERATE IN ACCORDANCE WITH THE REQUIREMENTS OF DRAWING AND SPECIFICATIONS. TESTS SHALL BE PERFORMED IN THE PRESENCE OF OWNER. THE CONTRACTOR SHALL PROVIDE LABOR, MATERIALS, AND INSTRUMENTS REQUIRED FOR ELECTRICAL PORTION OF TESTS. DEFECTIVE MATERIALS AND WORKMANSHIP DISCLOSED BY TEST SHALL BE CORRECTED AT CONTRACTOR'S EXPENSE.

PROTECTIVE PAINTING - TOUCH-UP FACTORY PAINTED EQUIPMENT THAT HAS BEEN DAMAGED DURING HANDLING OR INSTALLATION. FEATHER DAMAGED AREA AND APPLY PRIMER PLUS TWO FRESH COATS TO MATCH EXISTING FINISH.



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Comm No. 01MH4.21

Sheet Title:

MEP SPECIFICATIONS

APPLICATION # 2243

ENGLANDER RESIDENCE

32 Field Court
Milford, Connecticut 06460

STATE OF CONNECTICUT
DEPARTMENT OF HOUSING
COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM
(CDBG-DR)

Date: 12-01-15

Job Number:
Drawn By: RJS/JKH
Approved By:

Sheet Number:

SP-1

